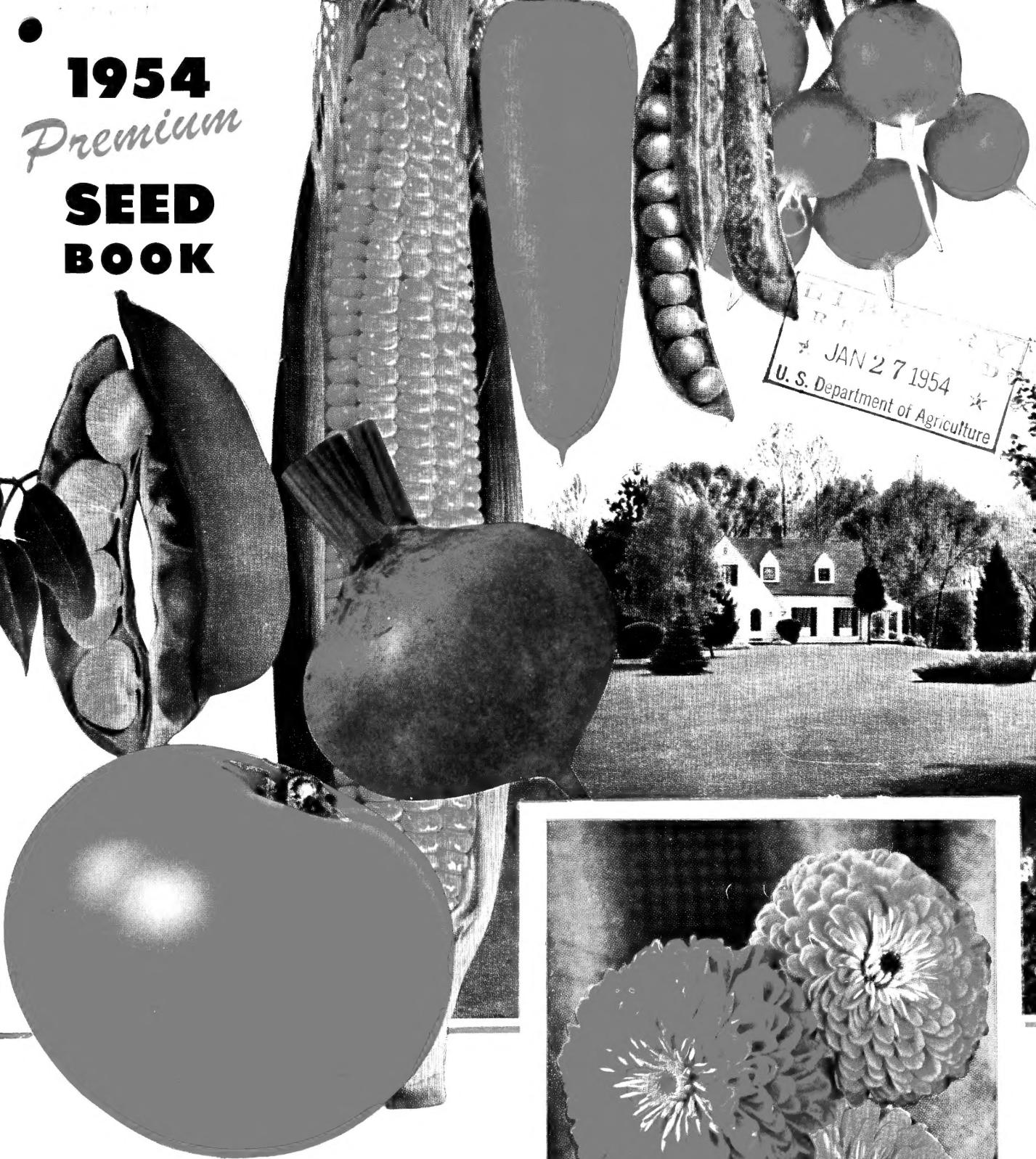
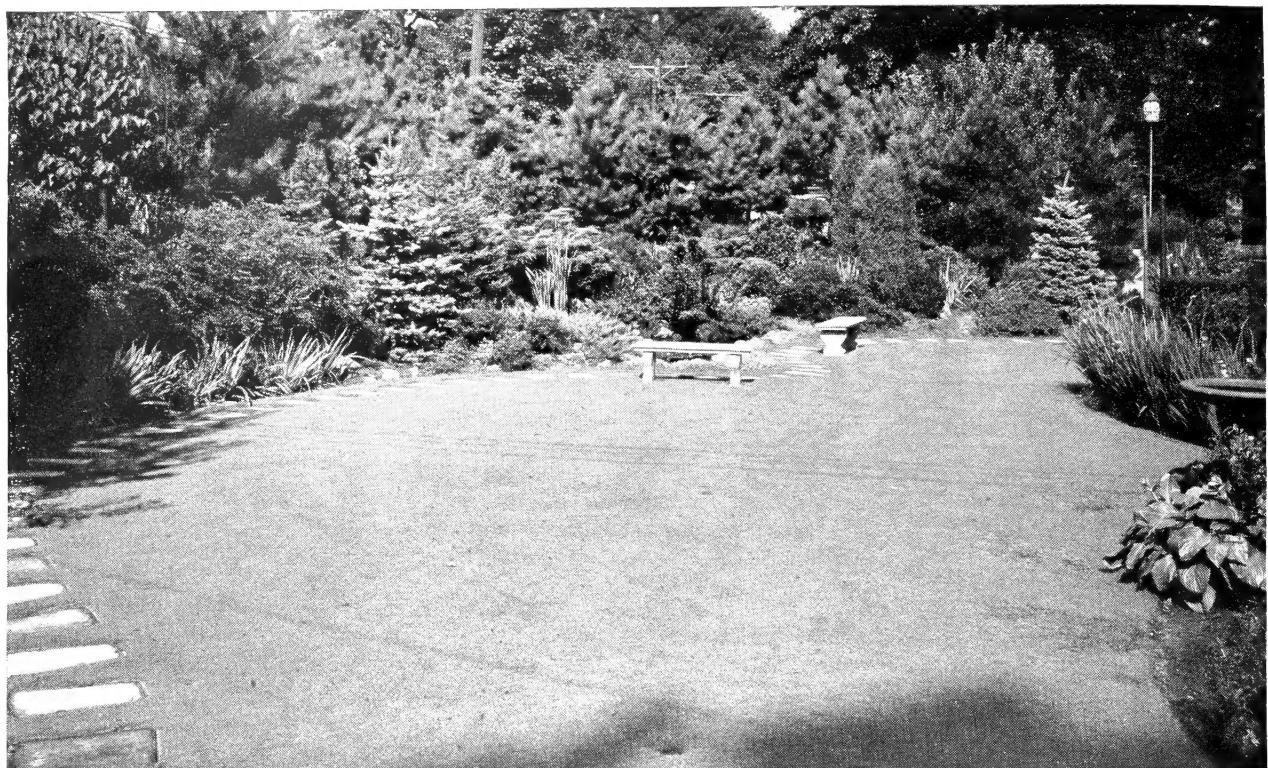


1954
Premium
**SEED
BOOK**



HALL
SEED COMPANY, Inc.
219-223 E. Jefferson St.
LOUISVILLE 2, KENTUCKY

PHONE: JA 4115-4116



Premium LAWN GRASS SEEDS

RECLEANED . . HIGHEST PURITY . . HIGHEST GERMINATION

PREMIUM LAWN GRASS

One pound sows 400 square feet; 60 to 75 pounds will sow an acre.

A mixture of grasses that is adapted to lawn making, and contains none of the coarse grasses nor those that grow in tufts or clumps. No one grass makes an ideal lawn, so we have put into our lawn grass a well-balanced mixture of grasses that are at their best during different months of the year, will give a beautiful green growth at all seasons, and will make a rich, deep green velvety lawn in as short a time as possible.

Lb., \$1.25; 5 lbs., \$6.00; bu. (20 lbs.), \$22.00.

SHADY LAWN GRASS

In nearly all lawns there are shaded spots under trees or near the house, where it is hard to get a satisfactory growth. Shady Lawn Grass is prepared especially for such situations and will produce a thick growth that will blend nicely with the grass growing in other parts of the lawn.

Lb., \$1.25; 5 lbs., \$6.00; bu. (20 lbs.), \$22.00.

KENTUCKY BLUE GRASS

Our stock of this popular grass is fancy recleaned seed and extra heavy. Succeeds well on most fertile soils in the central and northern states. Grows slowly at first but makes a thick, compact turf if properly cared for after sowing. For lawn purposes sow from 3 to 4 bushels per acre.

Lb., \$1.75; 5 lbs., \$8.50; bu. (14 lbs.), \$22.00.

WHITE DUTCH CLOVER

For lawns. Makes a small, close, compact growth, covering the ground like a carpet. Sow either in the spring or fall. When sown by itself, use 5 to 6 pounds per acre; it is better, however, sown in mixture with other grasses.

Lb., \$1.00.

RYE GRASS

Excellent for producing an immediate effect. Deep-rooted, fast growing, used for terraces and hillsides. Will stand shade.

Lb. 30c; 5 lbs., \$1.25; 10 lbs., \$2.40.

FERTILIZERS FOR LAWNS

Hydrated Lime 50-lb. bag, 75c
Lawn Lime 50-lb. bag, 50c

SHEEP MANURE MAKES PLANTS GROW

This concentrated, weedless, soil-building manure puts new life and beauty into all plants. For lawns and gardens use 10 pounds to 100 square feet. Simply broadcast as you would sow seed. Rake into the surface soil around established plants.

5 lbs., 40c; 25 lbs., \$1.40; 50 lbs., \$2.25.

**For Beautiful Green Lawns
Feed Regularly With This Complete
Balanced Diet.**

VIGORO or VERTAGREEN

1-lb. pkg. 15c; 5-lb. pkg. 55c; 10-lb. pkg. 95c;
25-lb. bag \$1.70; 50-lb. bag \$2.55;
two 50-lb. bags \$4.95; 100-lb. bag \$4.85.



219-221-223 E. Jefferson St.

READ CAREFULLY BEFORE ORDERING

ERRORS—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business, errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

ABOUT WARRANTY

The HALL SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.

Crops are dependent for success or failure on so many things besides seeds that it is impossible for us to give any crop warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot accept.

No responsible seedsman gives any such warranty.

THE VARIETIES OF GARDEN SEED offered in this catalog are the BEST for this latitude. They have been tried out and have proven to be the best. We have tried to confine our stock of seeds to those varieties that really have merit and are best suited to our local market. If you are in doubt about which varieties to plant, we sincerely hope this catalog will help you to decide. We will cheerfully give you any further information that we can.

ORDER YOUR SEEDS AT ONCE—Read this catalog through carefully and make up your order while you have plenty of time. Planting time will soon slip around and you want to be ready with the seeds on hand. **SEND US YOUR ORDERS WHILE OUR STOCKS ARE COMPLETE.**

OUR PRICES are subject to market changes and previous sales.

Home of Premium Seeds

We take this opportunity to thank our many friends and customers for their patronage and we earnestly solicit a trial order from anyone not using Premium Seeds.

Yours for Premium Seeds and Service.

E. H. SCHAFFNER,
President

G. W. McDANIEL,
V. Pres. and Treas.

WALTER H. SCHAFFNER,
Sec'y.

HALL SEED COMPANY

INCORPORATED

January 1, 1954

WE DO NOT PAY POSTAGE except on packets, ounces and quarter-pounds of vegetable and flower seeds at catalogue prices, for larger quantities add postage if ordered by parcel post. All other items listed in this catalogue unless otherwise stated, prices are f. o. b. Louisville, Ky., if delivery by parcel post is wanted sufficient postage should be added.

WE DO NOT SEND C. O. D., as the cost of collecting return charges is quite an unnecessary item of expense, and the prices being given, we can conceive of no necessity to warrant goods being so sent.

HOW TO SEND CASH—We prefer that you send stamps or Post Office Money Order, for small amounts. Send Post Office Money Order, Express Money Order or Certified Checks or Bank Draft on Louisville for larger amounts. Your Rural Carrier or Postmaster will make out the Money Order for you.



Market Street Entrance

SEE FOLLOWING PAGE FOR PARCEL POST RATES

NOTICE

SEE PAGE ONE WHEN
ORDERING BY
PARCEL POST

PARCEL POST RATES

We Do Not Send C. O. D.

WT.	LOCAL	ZONE		
		1-2	3	4
		\$ ct.	\$ ct.	\$ ct.
1	.18	.23	.23	.24
2	.20	.27	.29	.31
3	.21	.31	.34	.38
4	.23	.35	.39	.45
5	.24	.39	.44	.52
6	.26	.43	.49	.59
7	.27	.47	.54	.66
8	.29	.51	.60	.73
9	.30	.55	.65	.80
10	.32	.59	.70	.87
11	.33	.63	.75	.93
12	.34	.67	.80	1.00
13	.36	.71	.85	1.07
14	.37	.75	.90	1.14
15	.39	.79	.96	1.21
16	.40	.83	1.01	1.28
17	.42	.87	1.06	1.35
18	.43	.91	1.11	1.42
19	.45	.95	1.16	1.49
20	.46	.99	1.21	1.56
21	.47	1.02	1.26	1.62
22	.49	1.06	1.32	1.69
23	.50	1.10	1.37	1.76
24	.52	1.14	1.42	1.83
25	.53	1.18	1.47	1.90
26	.55	1.22	1.52	1.97
27	.56	1.26	1.57	2.04
28	.58	1.30	1.63	2.11
29	.59	1.34	1.68	2.18
30	.61	1.38	1.73	2.25
31	.62	1.42	1.78	2.31
32	.63	1.46	1.83	2.38
33	.65	1.50	1.88	2.45
34	.66	1.54	1.93	2.52
35	.68	1.58	1.99	2.59
36	.69	1.62	2.04	2.66
37	.71	1.66	2.09	2.73
38	.72	1.70	2.14	2.80
39	.74	1.74	2.19	2.87
40	.75	1.78	2.24	2.94
41	.76	1.81	2.29	3.00
42	.78	1.85	2.35	3.07
43	.79	1.89	2.40	3.14
44	.81	1.93	2.45	3.21
45	.82	1.97	2.50	3.28
46	.84	2.01	2.55	3.35
47	.85	2.05	2.60	3.42
48	.87	2.09	2.66	3.49
49	.88	2.13	2.71	3.56
50	.90	2.17	2.76	3.63
51	.91	2.21	2.81	3.69
52	.92	2.25	2.86	3.76
53	.94	2.29	2.91	3.83
54	.95	2.33	2.96	3.90
55	.97	2.37	3.02	3.97
56	.98	2.41	3.07	4.04
57	1.00	2.45	3.12	4.11
58	1.01	2.49	3.17	4.18
59	1.03	2.53	3.22	4.25
60	1.04	2.57	3.27	4.32
61	1.05	2.60	3.32	4.38
62	1.07	2.64	3.38	4.45
63	1.08	2.68	3.43	4.52
64	1.10	2.72	3.48	4.59
65	1.11	2.76	3.53	4.66
66	1.13	2.80	3.58	4.73
67	1.14	2.84	3.63	4.80
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69	1.17	2.92	3.74	4.94
70	1.19	2.96	3.79	5.01

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ASPARAGUS SEED

One Ounce will produce about 200 roots; 3 lbs. will produce enough roots for one acre.

MARY WASHINGTON RUST-PROOF—Has proved to possess remarkable rust-resisting qualities. Produces long, straight stalks of a rich green color running darker at the tips. While it has the thickness desired in Asparagus, you will find it tender and delicious. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

ASPARAGUS ROOTS

Asparagus roots are planted in trenches 1 foot wide and 6 inches deep. Lay the roots 18 inches apart, taking care to spread the roots well with the crown up. Then cover them with about 4 inches of soil. As the plants begin to grow, gradually fill in the trenches to the surface. They may be planted in either single-row or double-row beds, allowing about 3 to 4 feet between beds, in either case, 2-year-old plants, set out in the Spring, will yield tips for use the following Spring; however, it is best to cut sparingly the first season. One-year-old plants should not be cut until the second season. One year old roots. 25 roots \$1.00; 50 roots \$1.75; 100 Roots \$3.00.

BEANS—Dwarf or Bush
Green Podded Varieties

Prices on beans are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates. We do not send C.O.D.

CULTURE—If planted at intervals of two or three weeks, commencing after the ground has become dry and warm and continuing until the latter part of August, a supply can be had all through the season. Sow in drills 2 in. deep and 18 in. to 2 feet apart dropping beans 3 inches apart in the drill. Hoe or cultivate often and very shallow, keeping ground stirred well until they begin to bear. Do not hoe or cultivate while leaves are wet. Pick pods as soon as they are large enough for use. One pint will plant about 125 feet in drill. Two bushels per acre.

LONGGREEN STRINGLESS—**56 Days**—A new market bean originating as a straight selection from long podded tendergreen. The season, vine, pod type and color are similar to regular New Stringless or Tendergreen with the exception that the pod is considerably longer. Pods are round, straight, dark green in color and 7 inches long. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.45; gal. \$2.65; pk. \$4.95; $\frac{1}{2}$ bu. \$9.65; bu. \$19.00.

EARLY BOUNTIFUL—Pods are large, thick, broad, flat, extra long, very uniform in shape, having a delicious flavor exclusively their own, ready for picking in about 6 weeks. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.45; gal. \$2.50; pk. \$4.70; $\frac{1}{2}$ bu. \$9.15; bu. \$18.00.

RED VALENTINE—Plants are very vigorous and healthy, have always been free from diseases which appear in the regular stocks of Red Valentine Beans. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.45; gal. \$2.60; pk. \$4.95; $\frac{1}{2}$ bu. \$9.65; bu. \$19.00.

TENDERGREEN—New delicious, tender, fine-flavored, early dwarf bean. Pods are long, round, very meaty, of a light green color and entirely stringless. Try this new one this year. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.45; gal. \$2.65; pk. \$4.95; $\frac{1}{2}$ bu. \$9.65; bu. \$19.00.

BURPEE'S STRINGLESS GREEN POD—A valuable round pod bean absolutely stringless; pods are long, fleshy and tender of a vigorous rapid growth and extremely early. Most popular of all snap stringless varieties for market or family use. Pkt. 15c; pt. 40c; qt. 75c; $\frac{1}{2}$ gal. \$1.25; gal. \$2.20; pk. \$4.10; $\frac{1}{2}$ bu. \$7.90; bu. \$15.50.

GIANT STRINGLESS—Matures a few days later than Burpee's Stringless Green Pod, are a little longer and more nearly straight. Pkt. 15c; pt. 40c; qt. 75c; $\frac{1}{2}$ gal. \$1.35; gal. \$2.45; pk. \$4.60; $\frac{1}{2}$ bu. \$8.90; bu. \$17.50.

FULL MEASURE—Plants are hardy and prolific, bearing large round stringless, slightly creasebacked pods, ready to pick in about 7 weeks. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.50; gal. \$2.75; pk. \$5.15; $\frac{1}{2}$ bu. \$10.00; bu. \$19.75.

TENNESSEE GREEN POD—This is a splendid Extra Early variety for market and more especially home use, being a very heavy producer of large, flat, green pods of the finest flavor, which is in some respects similar to that of a pole bean. It continues to blossom and bear for several weeks after the first setting of pods. Pkt. 15c; pt. 40c; qt. 75c; $\frac{1}{2}$ gal. \$1.35; gal. \$2.45; pk. \$4.60; $\frac{1}{2}$ bu. \$8.90; bu. \$17.50.

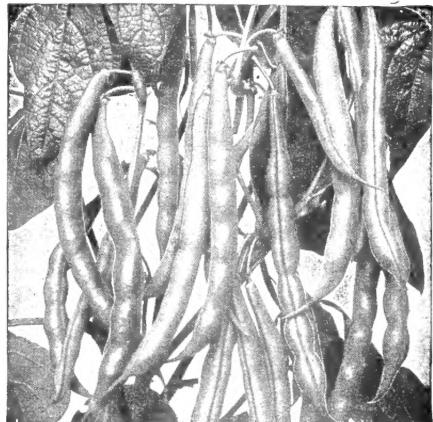
DWARF HORTICULTURAL OR ITALIAN—A popular sort with Louisville market gardeners. Pods medium light striped, splashed with crimson or yellowish brown; seeds pale pink, speckled with bright red. Can be used as a shell bean green or dried. Pkt. 15c; pt. 50c; qt. 90c; $\frac{1}{2}$ gal. \$1.60; gal. \$2.95; pk. \$5.60; $\frac{1}{2}$ bu. \$10.90; bu. \$21.50.

TOPCROP—(U. S. No. 1) (48 days). A new stringless variety introduced by the U. S. Department of Agriculture you will like for its good eating qualities. Exceptionally good for canning and freezing. The light green pods are round, slender and straight when young, becoming slightly curved and 6 $\frac{1}{2}$ inches long when ready for picking. The vigorous plants are upright and are about 20 inches high and are very prolific. Highly recommended. Pkt. 15c; pt. 40c; qt. 75c; $\frac{1}{2}$ gal. \$1.45; gal. \$2.70; pk. \$5.10; $\frac{1}{2}$ bu. \$9.90; bu. \$19.50.

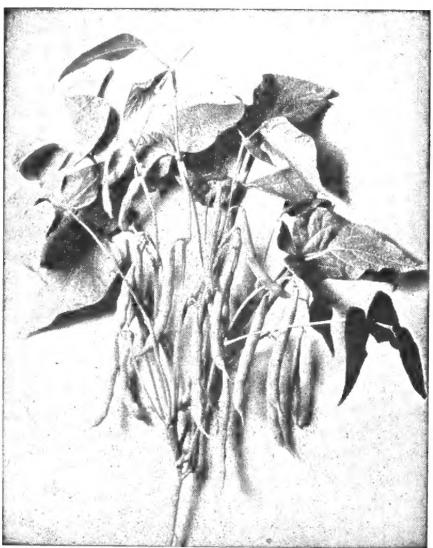
COMMODORE — OR BUSH KENTUCKY WONDER—All American Winner. One of the most popular bush beans that we have ever offered. Producing long, slightly curved, rounded, meaty and delicious pods that indicate that superb Kentucky Wonder it is that has been matchless for generations. Pkt. 25c; pt. 65c; qt. \$1.25; $\frac{1}{2}$ gal. \$2.15; gal. \$4.00; pk. \$7.75; $\frac{1}{2}$ bu. \$15.15; bu. \$30.00.



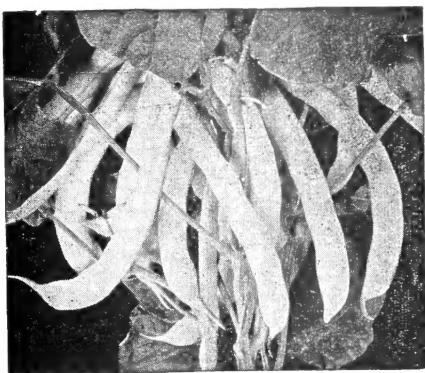
ASPARAGUS



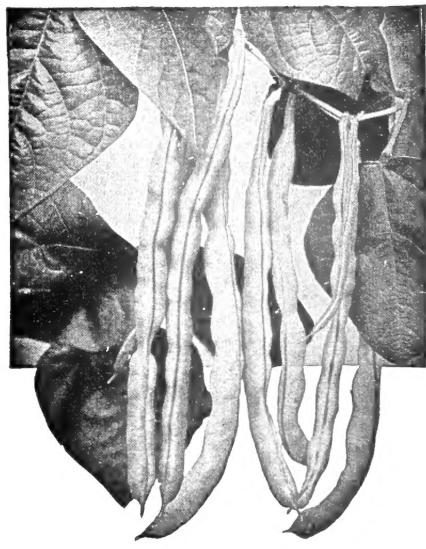
BURPEE'S STRINGLESS



RED VALENTINE



GOLDEN WAX BEAN



McCASLAN POLE BEAN

BLACK PANTHER GARDEN DUST AND SPRAY



BLACK PANTHER DUST is the rotenone supreme. Kills Mexican bean beetles and certain other insects. It is a successful blend of rotenone and other completely non-poisonous active ingredients. Can be used as a dust or wet spray.

1 lb. can 40c; 4 lb. bag \$1.00;

GREEN LEAF

Green leaf is used for the control of many insects and blight on tomatoes, potatoes and certain other vegetables having hardy foliage. Use Green leaf before blight appears. Green leaf kills Mexican Bean Beetles, Potato Beetles, Cabbage worms and many others. If a spray is desired, Green leaf will do an excellent job. It contains a special wetting agent and should be used at the rate of one pound to four gallons of water. 4 lb. bag \$1.25; Postpaid \$1.70.



BEANS—Dwarf or Bush Green Podded Varieties

WADE—All-American Gold Medal Winner for 1952. Exceptionally smooth, round, stringless, slender, dark green pods, 5½ to 6 in. long are profusely borne on strong growing plants well above the ground. Resistant to common bean mosaic and powdery mildew. A top-quality bush bean for home and market. Pkt. 45c; qt. 85c; ½ gal. \$1.50; gal. \$2.70; pk. \$5.10; ½ bu. \$9.00; bu. \$19.50.

Dwarf Varieties For Shelled Beans

RED KIDNEY—A well-known shelled bean. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.20; gal. \$2.25; pk. \$4.35.

WHITE NAVY—A splendid table variety and very prolific. Pkt. 15c; pt. 40c; qt. 70c; ½ gal. \$1.20; gal. \$2.15; pk. \$4.00.

BEANS—Dwarf or Bush Wax Podded Varieties

PENCIL POD BLACK WAX—One of the most popular of the wax varieties. A heavy producer of medium size, round pods, clear and a waxy white. Used in many instances for pickling; also a very desirable snapbean. Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.40; gal. \$2.55; pk. \$4.85; ½ bu. \$9.40; bu. \$18.50.

GOLDEN WAX—Early, vigorous and a bountiful yielder of beautiful tender pods. The vine grows 1½ feet high, holding the pods well off the ground. The pods are shapely, flat and large. Pkt. 15c; pt. 50c; qt. 90c; ½ gal. \$1.55; gal. \$2.85; pk. \$5.45; ½ bu. \$10.65; bu. \$21.00.

Prices on beans are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates. We Do Not Send C. O. D.

BEANS—Pole or Running

CULTURE—Plant after the soil has become well warmed, using poles six to eight feet long, in rows four feet apart each way. Put five or six beans around each pole and thin to three plants to a pole; or if preferred, plant in hills a foot apart along a trellis (of poultry netting). Cultivate frequently. Pole beans do best in very rich soil. They do not mature as rapidly as the bush beans, but are more productive. Often planted in a corn field.

WHITE HALF RUNNER (50 Days)—A prolific bearer of 5 inch pods; stringless when young. The 20-inch vines are bushy at the bottom with short runners. Beans white; fine for winter baking. Pkt. 20c; pt. 50c; qt. 95c; ½ gal. \$1.55; gal. \$2.75; pk. \$5.25; ½ bu. \$10.15; bu. \$20.00.

IMPROVED KENTUCKY WONDER—Also known as Old Homestead. We believe this is the most extensively planted green-podded pole bean, suitable for use as snaps. It is an early, very prolific sort, with showy pods which are of most excellent quality. The pods are medium light green, very long, often reaching 9 to 10 inches, nearly round and crisp, when young. Our stock is fine quality. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.25; gal. \$2.25; pk. \$4.20; ½ bu. \$8.15; bu. \$16.00.

WHITE KENTUCKY WONDER OR BURGERS STRINGLESS—A splendid variety, early, prolific, bearing handsome pods 6 to 7 inches long. Round, slender, and straight, very tender and fleshy, color dark green. Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.35; gal. \$2.45; pk. \$4.60; ½ bu. \$8.90; bu. \$17.50.

KENTUCKY WONDER WAX—One of the earliest of the pole wax sorts. Pods 8 to 9 inches long, thick, decidedly creasebacked, very fleshy, brittle but stringy, attractive and fair quality; color light yellow. Pkt. 20c; pt. 55c; qt. \$1.00; ½ gal. \$1.85; gal. \$3.45; pk. \$6.00; ½ bu. \$12.90; bu. \$25.50

STRIPED CREASE BACK—A good variety for either pole or cornfield, bears very large green pods, are excellent shell beans. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.30; gal. \$2.30; pk. \$4.30; ½ bu. \$8.15; bu. \$16.00.

HORTICULTURAL POLE—The pods are of immense size, striped and splashed with brilliant crimson, and the beans, when dry, are colored and marked the same way as the pods. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.35; gal. \$2.35; pk. \$4.40; ½ bu. \$8.55; bu. \$16.75.

RED SPECKLED CUTSHORT—An old variety, very popular for planting among corn. Vines medium size; snap pods, medium green, short, 3 to 3½ inches in length, straight flat to oval; fleshy and of good quality. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.35; gal. \$2.45; pk. \$4.60; ½ bu. \$8.90; bu. \$17.50.

LAZY WIFE—One of the most productive and easiest gathered of the pole beans. Green pods, 4 to 5 inches long, and are borne in large clusters. Beans white. Very desirable for shelling. Pkt. 15c; pt. 40c; qt. 75c; ½ gal. \$1.35; gal. \$2.45; pk. \$4.60; ½ bu. \$8.90; bu. \$17.50.

ST. LOUIS PERFECTION—One of the finest varieties available today for use as a green snap or dryshell bean in the home or market garden. Is early, prolific and bears pods 8 to 9 inches long, nearly straight, almost round and brittle. Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.45; gal. \$2.65; pk. \$5.00; ½ bu. \$9.75; bu. \$19.25.

BEANS—Pole or Running

McCASLAN POLE—The large size pods fill perfectly and in the "snap" stage are deep green in color, meaty, stringless, and of delicious flavor. Vines continue to bear throughout the season if kept closely picked. When allowed to ripen the shell beans of pure white color are most excellent for Winter use. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.35; gal. \$2.45; pk. \$4.60; $\frac{1}{2}$ bu. \$8.90; bu. \$17.50.

MISSOURI WONDER (Noxall)—An exceedingly productive, long bearing, late variety; pods 5 inches long, uniform, flat, curved, fairly tough, stringy and fibrous; medium green in color. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.35; gal. \$2.45; pk. \$4.60; $\frac{1}{2}$ bu. \$8.90; bu. \$17.50.

GIANT PODDED ASPARAGUS BEAN—Also known as the Yard Long Bean—Produces an enormous crop of long green pods, measuring 2 feet or more in length. Pkt. 20c; pt. 60c; qt. \$1.00.

GENUINE CORNFIELD—Saves garden space and poles and grows in shade of corn. Furnishes a long, plentiful supply of snap beans for home or market. Vigorous growth, heavy bearing; 6-7 in. round, straight, medium green, fleshy, tender, somewhat stringy pods of good quality. Well known. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.35; gal. \$2.45; pk. \$4.60; $\frac{1}{2}$ bu. \$8.90; bu. \$17.50.

BUSH LIMA BEANS

CULTURE—Lima beans are not hardy as snap beans, and should not be planted quite as early. They do best in good rich, loamy ground, and should be planted in rows two or three feet apart and from ten to twelve inches apart in the row, covering about two inches deep. Cultivate often, only when leaves are dry.

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NEW FORD HOOK BUSH LIMA—An improved bush lima of the Dreer type. The plants stand erect and of a true bush lima growth. The pods are well filled with from 3 to 5 large fat beans; is more prolific than any of the other large varieties and earlier than Burpee's Bush Lima. Being easily shelled, market gardeners will profit by planting this bean. Pkt. 15c; pt. 50c; qt. 95c; $\frac{1}{2}$ gal. \$1.55; gal. \$2.85; pk. \$5.35; $\frac{1}{2}$ bu. \$10.40; bu. \$20.50.

BURPEE'S IMPROVED BUSH LIMA—Produces a magnificent crop of pods, which measure from 5 to 6 inches long by one and one-quarter inches wide. Compared with Burpee's Bush Lima both pods and beans are much larger, while the beans, either green or dry are nearly twice as thick. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green beans are larger than any bush lima ever grown. Pkt. 15c; pt. 50c; qt. 90c; $\frac{1}{2}$ gal. \$1.50; gal. \$2.70; pk. \$5.10; $\frac{1}{2}$ bu. \$9.90; bu. \$19.50.

FORD HOOK No. 242—Developed by the U. S. Dept. of Agriculture. Plants as tall as regular Ford Hook with greater spreading habit. Pods slightly curved, with thinner walls than Ford Hook, containing 3 to 4 light green beans of same excellent quality. Yields well under high temperature conditions. Dry beans greenish cream and light green. Pkt. 15c; pt. 50c; qt. 95c; $\frac{1}{2}$ gal. \$1.55; gal. \$2.85; pk. \$5.35; $\frac{1}{2}$ bu. \$10.40; bu. \$20.50.

HENDERSON'S BUSH LIMA—Enormously productive; pods are small, but well filled. Pkt. 15c; pt. 40c; qt. 75c; $\frac{1}{2}$ gal. \$1.25; gal. \$2.25; pk. \$4.20; $\frac{1}{2}$ bu. \$8.15; bu. \$16.00.

JACKSON WONDER BUSH LIMA—A very prolific, speckled-seeded variety. Pkt. 15c; pt. 40c; qt. 75c; $\frac{1}{2}$ gal. \$1.25; gal. \$2.20; pk. \$4.10; $\frac{1}{2}$ bu. \$7.90; bu. \$15.50.

POLE LIMA or BUTTER BEANS

GIANT PODDED POLE LIMA—The pods often measure 8 inches in length by $1\frac{1}{2}$ inches in width. The beans are extra large and thicker than most other sorts. Dark green in color and finest flavor. The pods borne in clusters of from four to eight stands. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.40; gal. \$2.50; pk. \$4.70; $\frac{1}{2}$ bu. \$9.15; bu. \$18.00.

CARPINTERIA POLE LIMA—Well filled, medium green pods, 5 to 6 inches long, much thicker than the average pole lima. The beans are broad, plump and thick and as perfect as could be desired, and of rich, heavy green, which color they retain until maturity. It is very desirable, both for family and market. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.40; gal. \$2.50; pk. \$4.70; $\frac{1}{2}$ bu. \$9.15; bu. \$18.00.

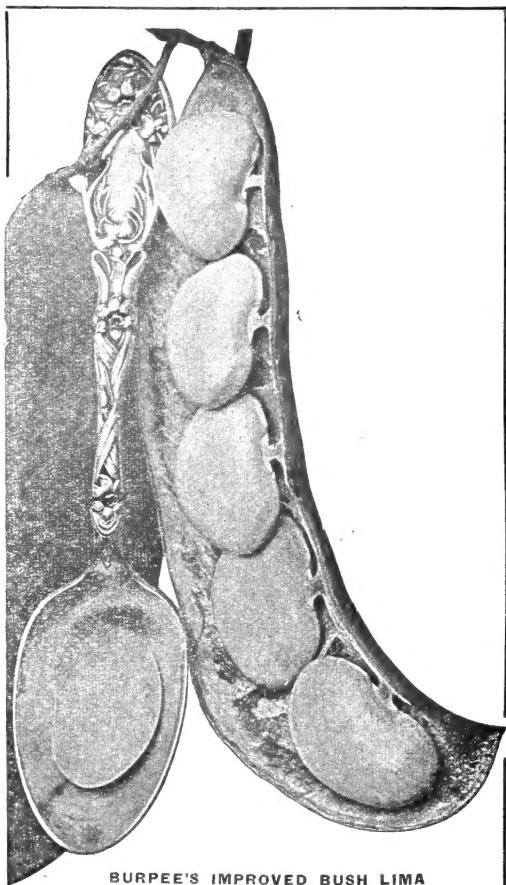
KING OF THE GARDEN—A medium early variety; large pods. A general favorite with market gardeners. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.40; gal. \$2.50; pk. \$4.70; $\frac{1}{2}$ bu. \$9.15; bu. \$18.00.

LARGE WHITE LIMA—Best for a general crop. A little later than other lima beans. Very productive. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.40; gal. \$2.50; pk. \$4.70; $\frac{1}{2}$ bu. \$9.15; bu. \$18.00.

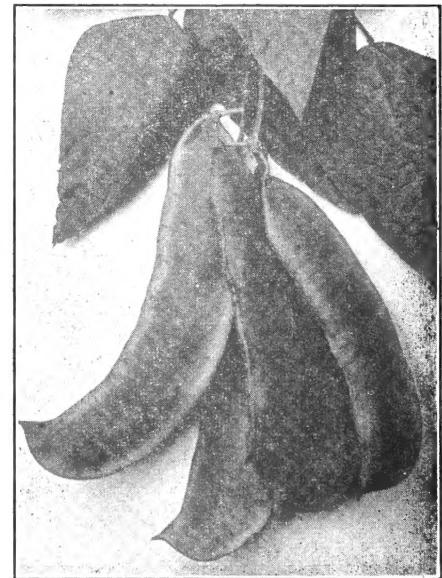
OLD FASHIONED SPECKLED—An old favorite. Bears from early to late. Medium size speckled seed. Pkt. 15c; pt. 40c; qt. 70c; $\frac{1}{2}$ gal. \$1.25; gal. \$2.25; pk. \$4.25; $\frac{1}{2}$ bu. \$8.15; bu. \$16.00.

SMALL LIMA OR SIEVA—Heavy cropper; pods small, but well filled. Commonly called Butter Bean. About ten days earlier than other pole varieties. Pkt. 15c; pt. 40c; qt. 70c; $\frac{1}{2}$ gal. \$1.25; gal. \$2.25; pk. \$4.25; $\frac{1}{2}$ bu. \$8.15; bu. \$16.00.

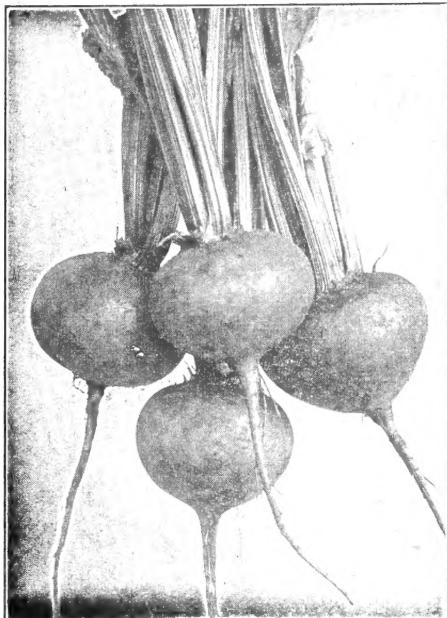
GIANT BUTTER SPECKLED—Tall and strong plants, later than Florida Butter Speckled but with larger pods and beans. Seeds 4 to 5 per pod, large oval greenish white with reddish-brown mottling. Pkt. 15c; pt. 45c; qt. 85c; $\frac{1}{2}$ gal. \$1.45; gal. \$2.55; pk. \$4.85; $\frac{1}{2}$ bu. \$9.40; bu. \$18.50.



BURPEE'S IMPROVED BUSH LIMA

BLACK PANTHER KILLS BEAN BEETLES

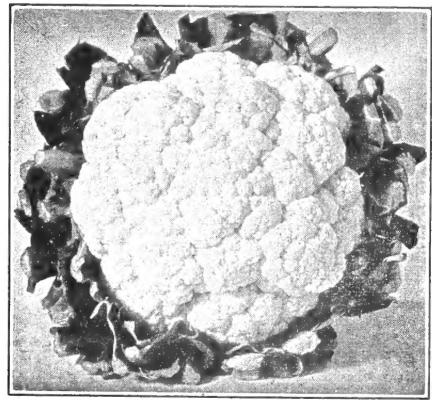
CARPINTERIA POLE LIMA



EARLY WONDER BEET



BROCCOLI



SNOW BALL CAULIFLOWER

CHOICE TABLE BEETS

CULTURE—For very early crop sow such varieties as Early Wonder Dark Red or Crosby's Egyptian in hotbeds in January or February, and transplant. For general crops, sow in freshly prepared soil as soon as the ground will permit, in rows 12 to 18 inches apart, covering about an inch deep, and pressing the soil firmly over the seed. When the plants are well established, cut to three or four inches apart. One ounce will sow 50 feet. Drill six to seven pounds to the acre.

CROSBY EGYPTIAN—Roots are remarkably uniform, very dark, red, flesh deep purplish red with little tendency to zoning. One of the most popular and handsome of the early beets. **Pkt. 10c; oz. 15c; 1/4 lb. 35c; Ib. \$1.00; 5 lbs. \$4.75.**

EARLY WONDER—It may be sown early and it matures rapidly, earlier than Crosby's Egyptian. Globe shaped, very uniform in size, and of a beautiful deep red color; a desirable sort for the home garden as well as for market. **Pkt. 10c; oz. 15c; 1/4 lb. 35c; Ib. \$1.00; 5 lbs. \$4.75.**

EARLY BLOOD TURNIP—Early globular shape, flesh bright glossy red, fine grained, tender and sweet. An extra fine family beet. 45 days. **Pkt. 10c; oz. 15c; 1/4 lb. 35c; Ib. \$1.00; 5 lbs. \$4.75.**

DETROIT DARK RED—Leaves are dark green, shaded with red. The beets are medium sized, globular or nearly round, very smooth and of dark blood red color. The inside flesh is deep vermillion red, with zones of a slightly lighter shade. A desirable variety for bunching or packing in crates, on account of its uniformly deep rich red color. We especially recommend this variety for canning. **Pkt. 10c; oz. 15c; 1/4 lb. 35c; Ib. \$1.00; 5 lbs. \$4.75.**

MANGELS

MAMMOTH LONG RED—The largest of all Mangels and the heaviest cropper. They grow to an immense size, weighing sometimes 20 pounds. **Pkt. 10c; oz. 15c; 1/4 lb. 30c; Ib. 80c; 5 lbs. \$3.75.**

GOLDEN TANKARD—Large, cylinder shape; immensely productive. Flesh yellow, zoned with white. **Pkt. 10c; oz. 15c; 1/4 lb. 30c; Ib. 75c; 5 lbs. \$3.50.**

SWISS CHARD

SWISS CHARD (Lucullus)—An improved type, leaves lark green, much crumpled and curled; mid-rib and veins white; stalks thick, broad and flat. **Pkt. 10c; oz. 15c; 1/4 lb. 35c; Ib. \$1.00.**

BROCCOLI

EARLY GREEN CALABRESE—Forms a fair size, green head; after this is cut from the main stalk, new sprouts develop, which form small heads of a loose nature. In order to get an early crop, sow seed in cold frames, transplanting at the proper time. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; Ib. \$3.00.**

BRUSSEL SPROUTS

Small shoots like miniature cabbages clustered around a stem are the valuable part of this unique member of the cabbage family. They are successfully grown wherever conditions are favorable for cabbage and require the same method of culture.

LONG ISLAND IMPROVED—Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round cabbage-like balls of 1 1/4 to 1 1/2 inches in diameter which mature in succession. **Pkt. 10c; oz. 35c; 1/4 lb. \$1.00.**

CAULIFLOWER

CULTURE—Sow seeds in hot-bed in December or January. When plants are three inches high, transplant into cold frame, 2 to 3 inches apart, and plant out into field in March or April for heading.

SNOW BALL—Absolutely the finest strains of Snow Ball Cauliflower obtainable. Heads very early, good size, firm compact, solid and very white; plant compact in growth with four short, upright leaves. **Pkt. 20c; 1/4 oz. 45c; oz. \$1.25; 1/4 lb. \$4.00.**

CELERY SEED

One ounce will produce 3000 plants; 1/4 lb. will plant an acre.

DIRECTIONS FOR PLANTING—Celery may be started early in cold frames or indoor boxes, or when the weather becomes warm, plant outdoors in rows 8 to 10 inches apart, covering the seed one-half inch. When plants are advanced, thin out to 5 or 6 inches apart until ready for transplanting into trenches.

GIANT PASCAL—A home-garden variety, good for fall and winter storage. Plant large, stocky, with dark green leaves. Stalks long, broad, and solid; blanches to yellow-white; of excellent, nutty flavor. **Pkt. 10c; oz. 60c; 1/4 lb. \$1.75.**

GOLDEN SELF BLANCHING—Plants compact and stocky, with yellowish-green foliage; stalks perfectly solid, of a fine nutty flavor, attains a good size; blanches a handsome golden yellow color. **Pkt. 10c; oz. 75c; 1/4 lb. \$2.25; Ib. \$7.00.**

IMPROVED WHITE PLUMBEA—A very early, handsome variety; leaves light, bright green; easily blanched a beautiful silvery-white color. A popular sort for first early market. **Pkt. 10c; oz. 65c; 1/4 lb. \$2.00.**

COLLARDS

GEORGIA—A tall, loose leaved cabbage-like plant, is grown in different sections of the South for "Greens." Seed may be planted in the Spring or Fall. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

CABBAGE

CULTURE—The Early sorts should be sown in hotbeds the last of November to first of February, and transplanted in open ground in March or April. The second early sorts can be sown in open ground in March and transplanted in April, and the late varieties sown in open ground in May and transplanted in June. Good, rich mellow, sandy soil is best for cabbage. Cultivate often and draw the earth to the plants as they advance in growth. One ounce will produce about 2,600 plants.

EARLY JERSEY WAKEFIELD—Heads medium sized, pointed, compact, solid, excellent quality, plants are exceedingly hardy, not only in resisting cold but other unfavorable conditions. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

CHARLESTON OR LARGE WAKEFIELD—About a week later than Jersey Wakefield. Heads are larger, fully as solid, a little less pointed at the top but very broad at base. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

GOLDEN ACRE—An extra early selection of the Copenhagen type, and the earliest of the round headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

YELLOW RESISTANT GOLDEN ACRE—Not as uniform as the regular type. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

COPENHAGEN MARKET—The earliest large round-headed cabbage. The plants are vigorous, with short stem and few outer leaves. The heads mature nearly all at one time, and will stand longer than the Wakefield before bursting. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

EARLY DWARF FLAT DUTCH—A good second early variety, an old favorite. The heads are medium size, almost round, firm, and of fine quality. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

MARION MARKET—A yellow resistant strain of Copenhagen Market. Larger and coarser in plant, and not so early nor so uniform as the original strain, but with the round head and crisp tenderness of the parent cabbage. Will produce a normal crop on yellows infected soils where non-resistant strains fail completely. 75 to 80 days. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

RED ROCK—Largest and surest heading red cabbage; more deeply colored at the heart than Red Dutch; medium to long stem. Pkt. 10c; oz. 40c.

WISCONSIN ALL SEASONS (Yellow Resistant)—Very valuable as a substitute for the regular All Seasons in localities infested with the destructive disease known as "cabbage yellows." Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

PRIZE HEAD LATE FLAT DUTCH—One of the largest and considered one of the best late market sorts. Heads large and solid, and keep better than most of any other kind. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

CHINESE or CELERY CABBAGE

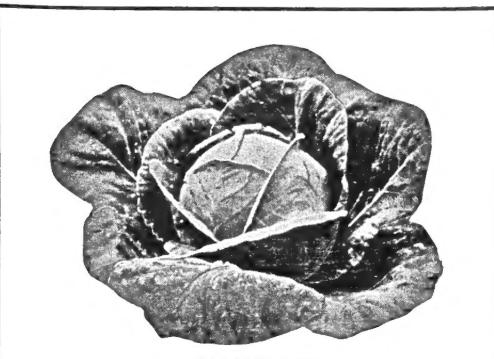
While generally referred to as a cabbage, this desirable vegetable is more nearly related to the mustard family. They generally bolt to seed when sown in early Spring, but when seed is sown at turnip seeding time, produce excellent heads during the cool Autumn season.

CHINESE CABBAGE (Michilli)—Earliest, most compact, more uniform and most sure heading of the Chinese varieties. Plant of upright growth, producing long, solid, white cylindrical heads, two feet in length. Leaves very broad, smooth, fringed on edge, with broad, white mid-rib; superior quality. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.10; lb. \$3.50.

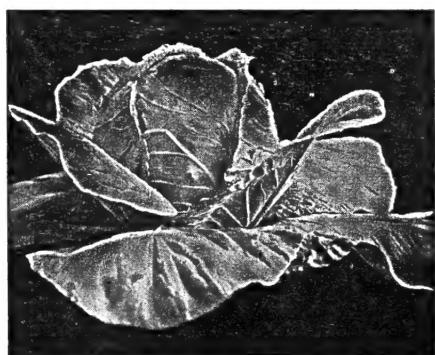
**TELL YOUR FRIENDS TO WRITE FOR OUR
1954
FREE PREMIUM SEED CATALOG**

Hill Grown and Transplanted Vegetables

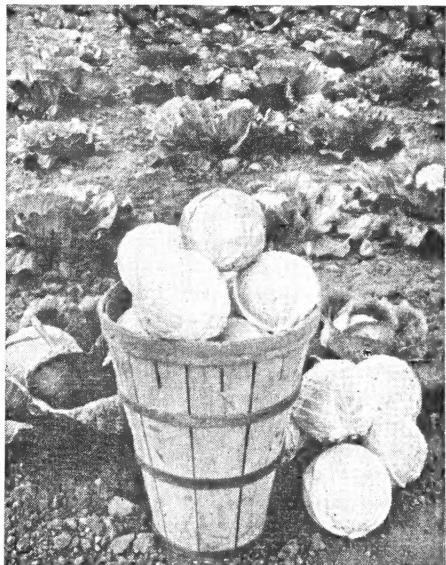
Mix an amount of plant food equal to a level tablespoonful thoroughly with the soil in the hill before planting. When transplanting mix one tablespoonful of VIGORO FERTILIZER with soil in bottom of hole, add one inch of soil and proceed to set out plant. It is well to leave a depression of about 1 inch around the plant. Fill with water immediately after planting to help settle the soil around the plant's roots as well as make the plant food available quickly for the plant's use.



GOLDEN ACRE



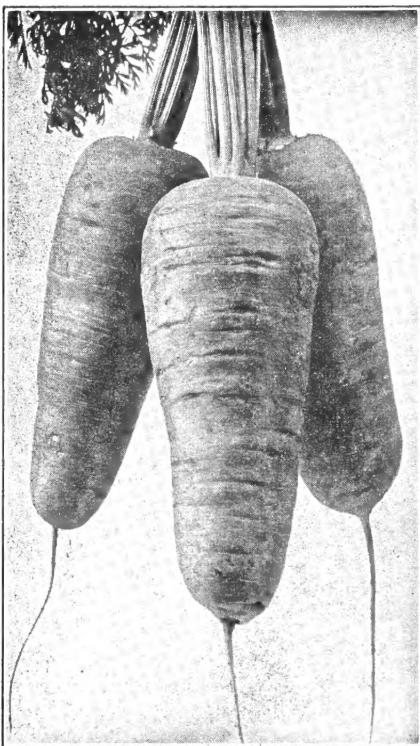
COPENHAGEN MARKET



ALL SEASON

GREEN LEAF

Green leaf is used for the control of many insects and blight on tomatoes, potatoes and certain other vegetables having hardy foliage. Use Green leaf before blight appears. Green leaf kills Mexican Bean Beetles, Potato Beetles, Cabbage worms and many others. If a spray is desired, Green leaf will do an excellent job. It contains a special wetting agent and should be used at the rate of one pound to four gallons of water. 4 lb. bag \$1.25; Postpaid \$1.70.



CHANTENY

CORN

GOLDEN BANTAM—An excellent early Sugar Corn with golden yellow grains and a delicious flavor all its own. Our stock has been carefully selected. **Pkt. 10c; pt. 30c; qt. 50c; ½ gal. 85c; gal. \$1.40; 10 lbs. \$2.30.**

COUNTRY GENTLEMAN—This variety has a small white cob, densely covered with zig zag rows of very slender, white grains of sweet delightful flavor. **Pkt. 10c; pt. 30c; qt. 50c; ½ gal. 90c; gal. \$1.45; 10 lbs. \$2.40.**

STOWELL'S EVERGREEN—Standard main crop variety of Sugar Corn. Ears long, deep grained, and remains in lasting ear condition on the stalks longer than any other variety. **Pkt. 10c; pt. 30c; qt. 50c; ½ gal. 85c; gal. \$1.40; 10 lbs. \$2.30.**

7½% METHOXY DUST

Contains 7½% Methoxychlor. A long lasting dust for most chewing insects. Safe for sensitive plants such as Cucumber, Squash, Melons, Eggplant, Beans, Tomato. No danger to livestock fed vegetable foliage. **2 lb. bag 65c; 5 lb. bag \$1.45; 25 lb. bag \$6.25.**

CARROTS

CULTURE—For the table use, sow the early kinds just as soon as the ground can be worked in spring, in rich sandy soil well fertilized. Sow in rows, 16 to 18 inches apart and thin out to six and eight to the foot. For field culture and winter use, sow the seeds in June in rows 18 inches apart. Hoe often and keep free from weeds. Sow from two to three pounds to the acre.

CHANTENY—A most excellent medium early half long variety, a very vigorous grower, and heavy cropper. Roots are thick, about six inches in length when matured, uniformly half long or stump rooted, but tapering slightly, smooth deep orange in color, easily harvested. The flesh is very crisp and tender, of fine flavor. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

DANVERS HALF LONG—Grown largely on account of its great productiveness and adaptability to all classes of soil, it is a desirable second early Carrot for field culture. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

CHANTENAY RED CORED (Coreless)—Roots 5 to 6 in. long, 2 to 2½ in. thick at the crown. Color deep orange-red. A fine medium early, half-long, stump-rooted carrot. Core reddish orange. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

NANTES HALF LONG (Coreless)—Roots 6 to 8 inches long, nearly cylindrical, blunt ended, smooth and of bright orange color. Flesh red, sweet and mild; almost coreless. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

IMPROVED LONG ORANGE—A large, long, smooth-pointed variety of deep orange color, requires light, deep soil and the whole season for it to mature. A splendid sort for stock feeding. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

OXHEART—Short, stocky and heart-shaped. It serves as a fine table variety when young. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

IMPERATOR—The roots are 7-8 inches long. Long. Tapering, deep solid orange, high quality, brittle, tender and sweet. Fine for home, market and shipping. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

CORN

Sweet or Table Varieties

CULTURE—Plant as soon as danger of frost is over, in drills 3 to 3½ feet apart, and drop from 12 to 18 inches in rows. If planted in hills, put three or four kernels in a place, having hills from 3 to 3½ feet each way. The soil should be well pulverized and worked deep before planting. As soon as 2 or 3 inches high, cultivate thoroughly. After corn is knee high, cultivate with small-tooth cultivator and continue until tassels bloom. For succession, plant every two or three weeks. About 1 lb. to 250 hills, 10 lbs. per acre.

HYBRID SWEET CORN

STOWELL'S EVERGREEN HYBRID—Deep grained, sweet, white hybrid variety. **Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.50; gal. \$2.60; 10 lbs. \$4.20; 25 lbs. \$10.00.**

IOANA—This sweet corn has a very large yellow ear, rich in flavor, very sweet, and has a heavy husk that comes up well above the top of the ear protecting it from ear worms and birds to some extent. It is rapidly gaining in popularity. **Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.30; gal. \$2.00; 10 lbs. \$3.40; 25 lbs. \$8.25.**

GOLDEN CROSS BANTAM—It is a bright yellow, has uniform ears about 8 inches long, ten to fourteen rowed, and of excellent quality. Matures about a week later than Golden Bantam. We recommend this variety highly for canning or table use. **Pkt. 15c; pt. 45c; qt. 80c; ½ gal. \$1.35; gal. \$2.00; 10 lbs. \$3.40; 25 lbs. \$8.25.**

CARMELCROSS—A desirable second early variety well liked by many market gardeners. The stalks grow about 6 ft. tall with few suckers, bearing ears 7½ to 8 ins. long, with 10 to 12 rows of medium yellow grain of good quality. **Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.50; gal. \$2.60; 10 lbs. \$3.80.**

GOLDEN SECURITY—EAR—8-8½ inches, borne at 30 inches. Cylindrical, well filled, 14-16 rows, average weight 8 oz. Kernels bright golden yellow, medium width, good depth, tender and excellent quality.

STALK—7½ feet, heavy stalk and foliage. Excellent root system. Vigorous, dark green.—**MATURITY**—85 days.

GENERAL—Late crop market and canning. — **Pkt. 15c; pt. 45c; qt. 85c; ½ gal. \$1.60; gal. \$2.75; 10 lbs. \$4.50; 25 lbs. \$10.00.**

IOCHIEF—(85 days). This sturdy hybrid has a heavy stalk, grows about 6 ft. in height, and has very few suckers. It bears large ears, with 14 to 16 rows of slender, deep golden grain of delicious flavor. It is equally good for home, market, canning or freezing. **Pkt. 15c; Pt. 45c; Qt. 85c; ½ gal. \$1.60; Gal. \$2.75; 10 lbs. \$4.50; 25 lbs. \$10.00.**

Prices on corn are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates. We Do Not Send C. O. D.

CORN (continued)

EXTRA EARLY ADAMS—Earliest variety we offer and extremely hardy. Roasting ears are ready for use about July 1st. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 85c; gal. \$1.35; pk. \$2.40; $\frac{1}{2}$ bu. \$4.50; bu. \$8.75.

EARLY ADAMS—About ten days later than Extra Early Adams and larger. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 80c; gal. \$1.20; pk. \$2.25; $\frac{1}{2}$ bu. \$4.25; bu. \$8.25.

EARLY NORTHERN WHITE FIELD—Excellent early field variety which is more largely planted than any other variety for the market around Louisville. Our stock is selected and unexcelled. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 80c; gal. \$1.20; pk. \$2.10; $\frac{1}{2}$ bu. \$3.90; bu. \$7.50.

TRUCKERS FAVORITE—Late variety of the Adams type; ears very large; handsome, a splendid sort for market. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 80c; gal. \$1.25; pk. \$2.20; $\frac{1}{2}$ bu. \$4.15; bu. \$8.00.

HICKORY KING TYPE—The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 80c; gal. \$1.20; pk. \$2.10; $\frac{1}{2}$ bu. \$3.90; bu. \$7.50.

POP CORN

WHITE RICE—This productive variety supplies delicious popped corn. Pkt. 10c; pt. 25c; qt. 40c

GOLDEN QUEEN—Kernels rich golden yellow. Pkt. 10c; pt. 25c; qt. 40c.

YELLOW HYBRID—A fine yellow corn for popping. Pkt. 20c; pt. 55c; qt. \$1.00; 10 lbs. \$3.50.

CUCUMBER

CULTURE—In February or March, plant seeds in hotbeds, when there is no danger of frost plant out in rich ground, in hills from four to five feet apart or plant seed in open ground as soon as the weather is warm, in hills four feet apart. Plant about 10 to 12 seeds in a hill and cover one-half inch deep with fine soil. Hoe often and when out of danger of insects thin out plants, leaving four to a hill. For pickling plant from June to August.

A & C. SPECIAL—White Spine. A very desirable market cucumber because of its uniform length and intense dark green color. A vigorous, high yielding variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.90.

STRAIGHT EIGHT—As its name indicates it grows very straight; a long, slender fruit with a slight taper at each and averaging about eight inches and the color is an intense dark green. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.90.

WHITE SPINE—It is early, very vigorous, productive and disease resistant. Fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds; extra fine for slicing, delightful flavor, color rich dark green which does not turn yellow or fade when shipped a long distance. The Market Gardeners Favorite. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

MARKETER—**65 Days**—8 to 10 inches long, $\frac{1}{2}$ inches thick, long, slim, uniform with abrupt taper at stem end and fairly rounded blossom end, very dark green, smooth, solid white flesh, small seed cavity. White spine. A recent introduction, gaining in popularity. Good color, long, slim shape and firm flesh make it one of the best new slicer and shipper varieties. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1 lb. \$1.90.

NIAGARA—A very dark green cucumber of the White Spine type. Grows 6 to 7 inches long, slightly tapered at the ends. Has vigorous vines with very large, very dark green leaves. Highly resistant to mosaic wilt. Produced fruits in trials where other varieties failed. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

LONG GREEN IMPROVED—A standard late, well known table sort 12 to 14 inches long, they are uniformly slender, more or less warty, and of beautiful dark green color, a splendid variety for slicing, also pickles. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

SNOW'S PERFECTED PICKLE—The best for pickling, fruits are early, small and uniform; dark green color, they are square ended which makes them fine for bottling. Our stock is very select. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.65.

GHERKIN—Grown exclusively for pickles. Fruits very small, oval and covered with spines; color light green. The seed is slow to germinate, usually requiring about twenty days. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.

WHITE WONDER—It is white at all stages of growth; medium late, and the ends are square in the fully-developed fruits. Grows about 8 inches long. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

DILL

MAMMOTH—An herb used in the making of "dill pickles." Both seeds and leaves are used. The seedlings should be thinned out as they do not transplant well. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.

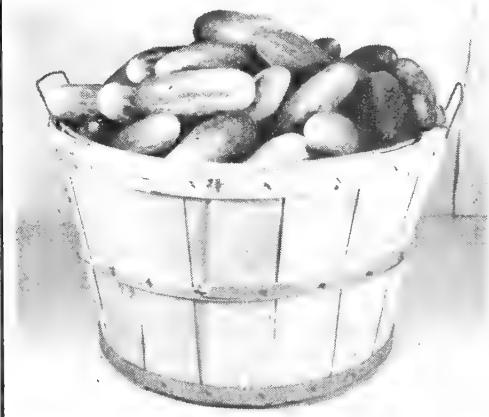
EGG PLANT

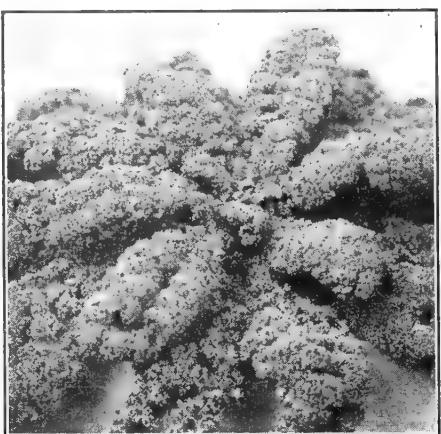
CULTURE—Sow in hotbeds early in spring and transplant the young plants when they are 2 or 3 in. high in another bed, 3 in. apart. At the end of April or first of May, plant them in very rich soil, 2 ft. apart. Hoe often, and draw soil towards plant. One ounce will produce 1,000 plants. Use Slug Shot to prevent bugs.

EARLY BLACK BEAUTY—Some earlier than the New York Improved; is a rich glossy dark purple, smooth and perfectly shaped.

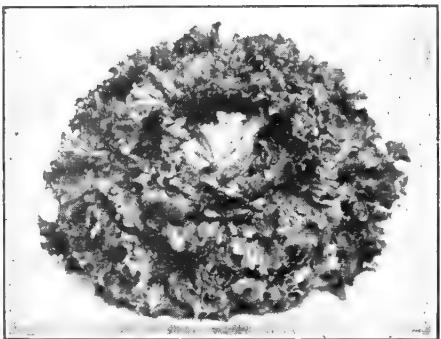
Very desirable for market. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.65; lb. \$5.00.

NEW YORK IMPROVED PURPLE (Spineless)—Favorite market variety. Plant large, spreading and spineless, producing 4 to 6 large oval fruits of dark purple color. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.65; lb. \$5.00.

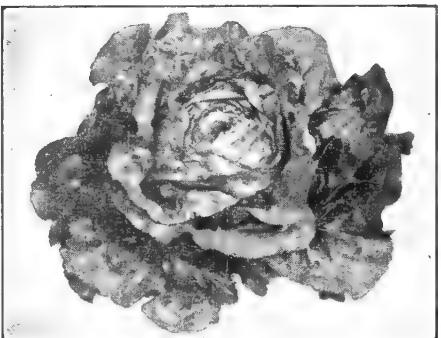
**STRAIGHT EIGHT CUCUMBER****SNOW'S PERFECTED PICKLE****IMPROVED LONG GREEN**



BLUE CURLED SCOTCH KALE



GRAND RAPIDS LETTUCE



BIG BOSTON LETTUCE



NEW YORK LETTUCE

ENDIVE

CULTURE—Sow from May to August in drills and cover lightly. When the plants are up, thin out from 8 to 10 inches apart. When the leaves are eight inches long, bleach them by tying them together near the top. One ounce will sow 20 feet square.

LARGE GREEN CURLED—The leaves are crisp, tufty and full, midrib pure white, with large tender white heart. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1b. \$1.50.

ROSE RIBBED—Green Curled. The midribs of the outer bright green leaves are usually tinged with rose. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1b. \$1.50.

KALE

CULTURE—Sow middle of April until last of August, broadcast. Kale is very hardy and is best when touched by frost. One ounce will produce 2,500 plants. Two pounds to the acre.

SPRING OR SMOOTH—The best for sowing in the early spring. Makes a quick growth of large, smooth leaves. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; 1b. 40c; 5 lbs. \$1.50.

SIBERIAN KALE (Northern Grown)—A vigorous growing variety of low spreading habit. Large, coarse, bluish green leaves which are slightly curled at the edges. Extremely hardy. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1b. \$1.50.

IMPROVED CURLED SIBERIAN—One of the best known and largely used varieties. Leaves are dark green and nicely curled. Very hardy. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; 1b. 75c; 5 lbs. \$3.50.

BLUE CURLED SCOTCH—Leaves blue green, very showy, hardy. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; 1b. \$2.50.

KOHL RABI

CULTURE—Sow from March to July and treat same as cabbage only in hoeing be careful not to heap too much soil about them. Plant in rows one foot apart and 8 to 10 inches apart in the rows. One ounce will produce about 2,000 plants.

EARLY WHITE VIENNA—Best for main crop. Bulbs are large, white, and of best quality. Remains tender longer than any other sort. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1b. \$3.50.

LEEK

CULTURE—Sow in early spring in drills and when two inches high thin out to 1 inch apart. When the plants are 6 inches high, transplant in rows one foot apart and six inches apart in rows. Hoe often and draw the soil up to them as they grow. One ounce will produce about 2,000 plants.

LARGE FLAG—A popular old sort. Makes large round stalks. Very hardy. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.40.

LETTUCE

CULTURE—Beginning early in the spring, lettuce should be sown every two or three weeks until the middle of August. One-half ounce of seed to 100 feet of drill.

GRAND RAPIDS—For greenhouse forcing this variety stands undoubtedly at the head of the list. The plant grows in loose clusters, and is very attractive. Leaves are bright green color, savoyed, and finely crimped at the edges. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1b. \$1.75.

OAK LEAF, w.s. 85 days—A rather indefinite head, medium size, medium green. Leaves deeply lobed with middle lobe having a long finger-like point. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1b. \$3.00.

BLACK SEEDED SIMPSON—One of the best curled lettuce for early outdoor culture. Excellent quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1b. \$1.75.

NEW YORK (Wonderful)—A very large, late, globular heading variety; leaves broad of thick texture, fairly blistered and crumpled, and the borders frilled; color clear dark green; quality good. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1b. \$3.00.

ICEBERG—A large, late, crisp cabbage-heading variety; heads very firm, hard and well balanced; leaves unusually broad and quite blistered and crumpled, borders finely frilled; color medium green with faint brown tracing on the border; quality good. Too brittle to be a good shipping variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1b. \$2.00.

BIBB—A small early, crisp heading variety; plant very compact, forming a hard, globular, well blanched head; leaves broad, crumpled and twisted; color dark green, quality good. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1b. \$3.00.

BIG BOSTON—The plants are large, very hardy and vigorous, the outside leaves in color are bright, light green, and being strong protect the heart when shipping. The inner leaves blanch to an attractive greenish white tinged with light yellow. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; 1b. \$2.00.

GREAT LAKES—Iceberg type of lettuce. It stands heat and sun extremely well and is slow in throwing its seed head. It is also resistant to tip burn. Outstanding for home gardeners. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.35; 1b. \$4.00.

SALAD BOWL—45 days. Large, medium-green, slow bolting, non-heading, differing in appearance from all other varieties in that the leaves are deeply lobed giving the mature plant a resemblance to endive. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; 1b. \$3.50.

MUSK MELON or CANTALOUP

CULTURE—Plant during May and June in hills five to six feet apart. Select high ground if possible, most preferably a sandy loam. If soil is not very fertile, use well rotted manure in hills. Cultivate shallow and very often and continue cultivation as long as practical. Put from 10 to 12 seeds in each hill and after plants are two or three inches high and free from danger of destruction by insects, thin out to three or four. One ounce will plant about 50 hills; 2 to 3 pounds to the acre.

GOLDEN DELIGHT—Is a large broad, oval melon in the Pride of Wisconsin type, but with this variety, is larger and earlier. It has a very thick salmon colored flesh with one of the best flavors of any melon in its class. It has an attractive greyish green netting on the skin with almost indistinct ribbing. Shows outstanding ability to produce high quality melons under adverse weather conditions.

Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

HONEY ROCK—Also called Sugar Rock. A new melon originating in Indiana. Very popular on account of its higher yield and excellent quality. The fruits are salmon-fleshed, medium size, almost round, skin gray-green with heavy coarse netting. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

ROCKY FORD—One of the most popular and most cultivated of all musk melons. Slightly oval in shape, flesh thick, green, very sweet and of finest flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

GOLD LINED ROCKY FORD—The flesh is beautiful light green with gold lining next to the seed cavity which is very small. Delightful flavor and showy. The melons are well netted, good sized and mature earlier than regular type Rocky Ford. Don't fail to plant some of this variety.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

HALE'S BEST—Salmon fleshed Rocky Ford. This is a new variety developed by careful selection from Eden Gem. Absolutely the best variety for shipping. Hale's Best has the deepest flesh, smallest seed cavity and more salmon color than any other type of salmon fleshed Rocky Fords.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

HONEY DEW—The rind is light green, the flesh very sweet and of a darker green color. A splendid keeper and shipper. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

TIP TOP—In shape varies from round to slightly oblong; skin pale green, distinctly ribbed and fairly well covered with shallow netting. The melons are rather large. Flesh is deep yellow, rich and highly flavored. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

HEARTS OF GOLD—An ideal shipper and desirable mid-season melon for home market gardeners. Medium sized, vigorous and productive. Fruits nearly round, 5 inches in diameter, slightly ribbed, netted densely, small seed cavity. Flesh is thick, firm and of delicious flavor. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

PRIDE OF WISCONSIN—Oval fruits $6\frac{1}{2}$ by 6 inches, weighing about $3\frac{1}{4}$ lbs., with faint ribbing and pearly gray rind covered with coarse netting. Thick, orange flesh, small seed cavity, sweet and fine flavor. Adapted to home gardens and short distance shipping. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

BANANA—Long, smooth, yellow skin and flesh, of good flavor; solid and good keeper. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.

MUSTARD

CULTURE—Mustard is largely used as a salad or boiled like spinach. Sow early in spring; or, for succession, sow every few weeks till autumn. Sow broadcast or in drills.

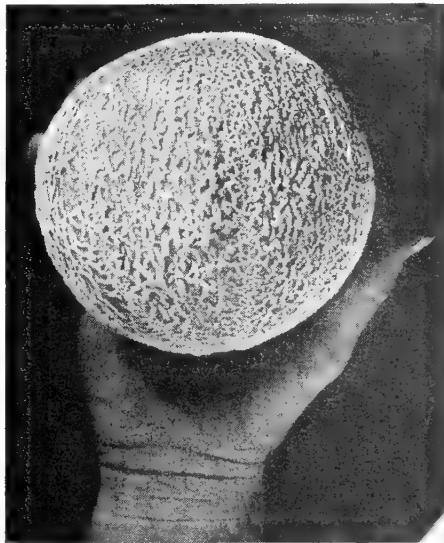
SOUTHERN GIANT CURLED—Leaves large, light green, tinged with yellow crimped and frilled at edges. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lb. \$4.75.

FORDHOOK FANCY—The plants are of vigorous growth, have beautiful dark green leaves which curve outward like fine ostrich plumes. A handsome variety of strong growth, yielding a large quantity of greens. Plants stand a long time before bolting to seed. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00; 5 lb. \$4.75.

WHITE LONDON—Plant of rapid, upright growth, soon going to seed; leaves rather small and smooth, deeply cut or divided; color deep green; seed large, light yellow. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

BLACK OR BROWN—Considered more pungent than White London; leaves oblong, broad and cut; seed reddish-brown. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

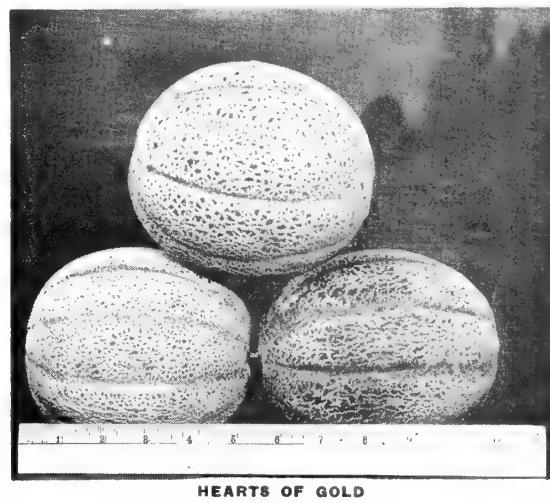
MUSTARD SPINACH—Can be cut 4 weeks after planting. Large oblong leaves, dark green, cooked and prepared for table same as Spinach, Turnip or Mustard greens. Will stand extreme Summer heat and is resistant to cold. Also known as Tendergreen. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.



HONEY ROCK



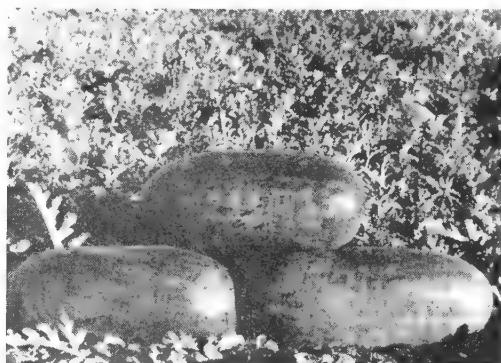
PRIDE OF WISCONSIN



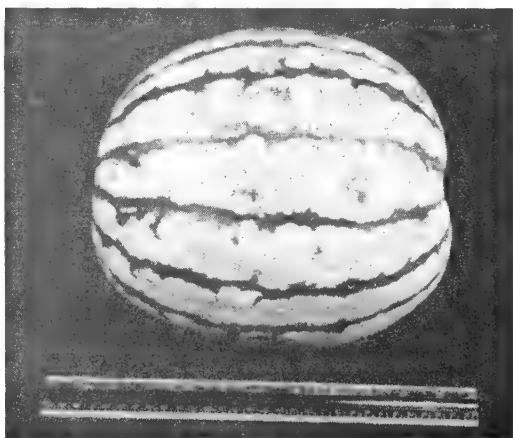
HEARTS OF GOLD



STONE MOUNTAIN



**WONDER MELON, OR IMPROVED
KLECKLEY'S SWEET**



DIXIE QUEEN

C. O. C. S.

Cuke and Melon Dust

For use in the control of cucumber beetle and flea beetles and to prevent wilt, scab leaf spot and mildew on cucumbers, melons, squash and other cucurbits. 1 lb. can 45c; postpaid 65c.

WATERMELONS

CULTURE—A hill of watermelons spreads over a large space and should be planted in hills from eight to ten feet each way in order to give them plenty of room. Mix thoroughly with the soil for each hill a forkful of well rotted manure and put about one inch fresh earth over the manured soil. The seed should not be planted until the ground becomes warm and dry. Put 10 to 12 seeds to the hill. After plants are good and strong, thin out to 3 or 4 to the hill. Cultivate often, keep weeds down.

NEW HAMPSHIRE MIDGET

70 days. All-America Gold Medal Winner. Extremely early which will be especially appreciated by all gardeners. Midget size—about that of a cantaloupe, 7 inc. long, 6 in. across, weigh up to 6 lbs.; an ideal size for putting into a refrigerator. Skin striped dark green on light green; rind thin; flesh strawberry-red, solid and sweet. Vines small, vigorous. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

FAIRFAX

(85 days.) An attractive, new long melon, with irregular dark and light stripes. Developed at the USDA, Charleston, S. C. It is resistant to anthracnose and fusarium wilt; has a tough rind, and will stand shipping. All melon growers should give it a trial. 35 to 40 pounds. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

CONGO—Oblong, blocky, dark green melons faintly striped lighter green; flesh is bright red, crisp and sweet. Highly resistant to anthracnose. Weigh 30 to 40 lbs. Good for home and market; tough rind makes it a good shipper. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.50.

DIXIE QUEEN—An enormous yielder. Vines of vigorous growth. Melons in form round to oval. Skin striped light and dark green. Good size. Flesh, bright red. Crisp and splendid quality. Good shipper. Seeds very small white, and very few in each melon. One pound of Dixie Queen seed will plant twice as much ground as most other large type seed, medium early. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

EARLY KANSAS—Largest of all early melons. Matures 10 days earlier than Tom Watson. Flesh, bright red, very sweet flavor, melts in your mouth, solid to the rind which is about $\frac{1}{4}$ inch thick, nearly round light green with broad wavy stripes. Melons weigh 30 to 60 pounds, occasionally 80 pounds. Very few seeds, red when green, buff color when dry. A good shipper. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

WONDER MELON OR IMPROVED KLECKLEY SWEET—This improved strain has the same red flesh, delicious sweetness and all the other splendid qualities that made Kleckley's Sweet such a favorite. The improvement has been along the line of size and shipping qualities. It is not at all unusual to have them weigh 75 pounds, yet the rind is thin, but so tough that Improved Kleckley's Sweet qualifies for long-distance shipping. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.40; 5 lbs. \$6.50.

STONE MOUNTAIN—Fruits very large, oval round; medium green, rind thin but fairly tough. Flesh rich scarlet and very sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50; 5 lbs. \$7.00.

DARLINGTON—Has created a sensation where ever introduced. Conceded to be one of the most delicious of all melons. They grow long and big up to 60 pounds. Bright red flesh, rind striped. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

WILT RESISTANT VARIETIES

BLACKLEE—Wilt Resistant. Dark green, oblong, tough rind melon. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

LEESBURG OR WILT-RESISTANT KLECKLEY'S SWEET—In every way fully equal to our standard strain of Kleckley's Sweet in quality and size, with the distinct advantage of being wilt resistant. It marks a conspicuous advance in the development of this universally popular melon for growing on wilt-sick soils. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

HAWKESBURY—Of the Irish gray type; long and of light gray with fine veining of green. Flesh dark pink of good quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

KLONDIKE, R-7—Vines vigorous and prolific, fruits oblong, thin tough rind. Flesh bright deep red, of fine quality. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

WATERMELONS—Continued

FLORIDA GIANT—Very productive. Fruits dark green, nearly round; flesh firm and red; of excellent quality. Ships well. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

HALBERT HONEY—Very similar to Kleckley Sweet except the melons are more evenly shaped, and the rind will average darker green in color with a slight tracing or indentation, has all the good qualities of Kleckley Sweet. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.40.

TOM WATSON—It is a splendid melon for shipping, for nearby markets and for home use, a large, long melon, medium green color and handsome appearance, the flesh is rich red, sweet and tender, the rind is thin and tough, making it especially adapted to shipping. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.40.

GARRISON—A melon colored similar to Georgia Rattlesnake but more round. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

OKRA

CULTURE—Plant about the middle of spring, after the ground has become warm, in drills three feet apart, and thin out plants to about a foot apart in the row. Hoe often and draw the soil up to the stem. The ground should be well fertilized. One ounce will sow about 20 feet of drill; five or six pounds to the acre.

CLEMSON SPINELESS—Developed by the South Carolina Experiment Station. All-America Silver Medal for 1939. A very uniform, spineless variety. Plant has less foliage than Perkins'; pods rich green, angular, ridged. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

IMPROVED DWARF GREEN—Dwarf, stocky growth, pods short, thick and tender. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

WHITE VELVET—Tall variety, producing long, slender velvety pods. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

PERKINS' MAMMOTH LONG POD (TALL)—Produces long, slender, deep green pods which remain tender a long time. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 75c.

ONION SEEDS

CULTURE—The ground for onions should be a light loamy soil, and should be ploughed very deep and well fertilized. Sow the seeds in drills 10 to 12 inches apart, about one inch deep. Hoe often and keep free from weeds. One ounce of seed will sow a 50-foot row. It takes 3 to 5 pounds to sow an acre to make large onions, and 40 to 50 pounds to the acre for sets.

YELLOW DANVERS—The best known and most generally used yellow onion, color bright orange-yellow. A good keeper and of good size. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

WHITE SILVERSKIN—The most popular variety for extensive set growers. Sets are of a flattish shape. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.75.

PRIZETAKER—One of the largest onions grown and the mildest; is productive and a sure cropper; bulbs are globe-shaped and of a light straw color. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

SOUTHPORT WHITE GLOBE—Of the true Southport Globe form with a thin, delicate skin of purest paper whiteness; flesh is very crisp, fine-grained, snow-white in color and exceedingly mild; usually commands the highest price in market. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

SOUTHPORT YELLOW GLOBE—The bulbs are a true deep globe, having a small neck and a heavy thick skin which makes it an excellent storage sort; the color is a deep yellow or golden-brown, quite distinct from most stocks of this variety. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

EBENEZER OR "JAPANESE"—The onions are not unlike Yellow Globe Danvers in shape and size, but are superior in flavor and keep longer. They are firm, solid, have a thin skin, and are agreeably mild. Also planted extensively to produce small sets for the following season. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

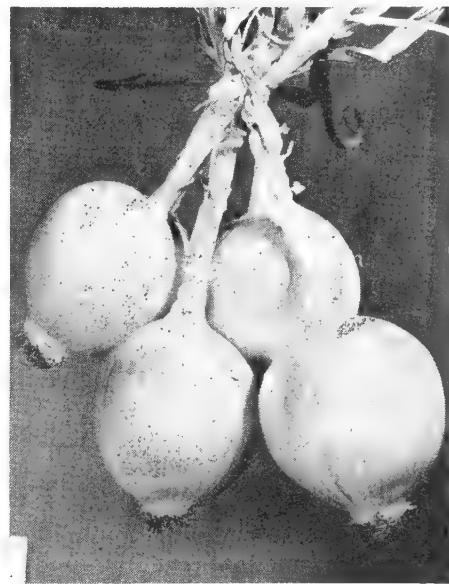
ONION SETS

CULTURE—Plant very early in the spring, if large onions are wanted for winter use; plant in rows four inches apart, half an inch deep and 12 to 14 inches between the rows. Do not entirely cover the set. Cultivate often, but not very deep. Also good for early green onions.

White Onion Sets, lb. 30c; 4 lbs. \$1.00.

Yellow Onion Sets, lb. 25c; 4 lbs. 90c.

Ask for Prices on Larger Lots
Prices F.O.B. Louisville, Ky., Postage Extra.



WHITE SILVER SKIN



WHITE SILVERSKIN ONION SETS



SUGAR OR HOLLOW CROWN PARSNIP



WORLD BEATER



CALWONDER



CALIFORNIA WONDER PEPPER

PARSNIPS

CULTURE—Sow during spring in drills one inch deep, drill 12 to 18 inches apart, and when two or three inches high thin out from four to six inches apart in the rows. Hoe often. Soil should be deep and rich. One ounce will sow about 100 feet of drill; 4 or 5 pounds to the acre.

SUGAR OR HOLLOW CROWN—A standard variety, making long, smooth, white roots, uniform in shape. Tender and well flavored. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

PARSLEY

CULTURE—Sow the seed in spring in drills one foot apart. If wanted for winter transplant in cold frames. Seed should be soaked in warm water a few hours before sowing, as it is very slow to germinate. One ounce will sow about seventy-five feet of drill; five or six pounds to the acre.

CHAMPION MOSS CURLED—Leaves are crimped and curled most beautifully. Most popular variety. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.

PEPPERS

CULTURE—Sow in hotbeds in March or in seed beds about the middle of spring, in light, warm soil. When the weather becomes warm transplant the plants, 15 to 18 inches apart each way and earth up a little when hoeing. One ounce will produce about 1,500 plants.

YOLO WONDER is a new variety originating from a cross between California Wonder (Tobacco mosaic susceptible) and Elephant Trunk (Tobacco mosaic resistant). The Elephant Trunk was secured in Italy. Yolo Wonder is resistant to the Tobacco Mosaic, has pendant fruit and the fruit though similar to California Wonder in appearance and color are larger. Yolo Wonder gives greatly increased yields and fancier fruit than California Wonder in mosaic infected areas. The Yolo Wonder plants are more compact than California Wonder. The Yolo Wonder will mature in around 78 days. Pkt. 20c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.00.

CALIFORNIA WONDER—Resembles Chinese Giant in the large size and "blocky" form of its fruit, but having an extremely thick flesh not possessed by that variety; crimson fruit. Measures 4 $\frac{1}{2}$ in. in length by 4 in. in diameter; mild and sweet; mid-season. Pkt. 10c; oz. 75c; $\frac{1}{4}$ lb. \$2.25; lb. \$7.00.

IMPROVED HUNGARIAN YELLOW WAX—Peppers pungent and measuring 5 to 6 inches in length, rather slender but meaty, and tapering to a somewhat twisted point. They are waxy canary yellow in color, and turn to a beautiful crimson at maturity. Very prolific and desirable. Also known as Bulgarian Yellow Wax. Quite "hot." Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

CHINESE GIANT—Largest pepper in cultivation; double the size of the Bell or Bull Nose. They grow four to five inches wide at the top and about the same length. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$6.00.

EARLY CALWONDER—This relatively new variety is a valuable addition to the Pepper family not only for its earliness but also for its productiveness under less favorable conditions. Fruit approximately 4 inches long and 3 $\frac{1}{2}$ inches in diameter, three and four lobed, sweet and mild. Turns bright crimson at maturity. Pkt. 10c; oz. 75c; $\frac{1}{4}$ lb. \$2.25; lb. \$7.00.

LARGE BELL OR BULL NOSE—Best known variety. Pods extra large, mild, thick rind and fleshy. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.00.

WORLD BEATER—A beautiful pepper, being a cross between the Chinese Giant and Ruby King. It combines the large size and productiveness of the Chinese Giant and the earliness, attractive shape and color of the Ruby King. The flesh is mild and sweet and may be used for stuffing or sliced like cucumbers and served with tomatoes. The skin is smooth and colors evenly all over. One of the most attractive peppers in our list. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.50.

PIMENTO—A very thick fleshed, heart-shaped smooth, mild, crimson variety, much used for salads; fruit pendent; 3 $\frac{1}{2}$ in. long by 2 $\frac{1}{2}$ in., greatest diameter; rather late in season. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

LONG RED CAYENNE—Sometimes called Lady Finger. Long, hot, bright red pods. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$5.50.

VEGETABLES — FLOWERS

Disease Control—Better Stands—Sturdier Plants with SEMESAN

Don't trust to luck for success with vegetables and flowers. Do what you can to control conditions. Treat your seeds, corms, bulbs, and seedlings with Semesan! Used as a dust or in solution with water, Semesan reduces seed rotting and damping-off, is highly effective against many seed-borne diseases, even prevents contamination of the soil by certain seed-borne diseases. One ounce treats 15 to 30 pounds of seeds at a cost of $\frac{1}{4}$ cent to 1 cent a pound of seed.

$\frac{1}{3}$ oz. Packet 20c, 4oz. \$1.00, 12 oz. \$2.85

May be mailed.

SELECTED GARDEN PEAS

CULTURE—Plant as soon as the ground can be worked. For a succession, plant at intervals of two weeks throughout the season. Plant in rows, the dwarf kind about two feet apart, and the taller kind from four to five feet apart and about an inch apart in the rows and two inches deep. Hoe often. When well up, set brush along the rows corresponding with the height of pea cultivated. One pint will plant 100 feet of drill; 125 pounds to the acre. If preferred, a succession may be had with one planting, by using one each of the varieties, such as Extra Early Alaska for early Laxtonian or Gradus for medium, and Telephone for late.

Prices on peas are not postpaid. If delivery by parcel post is wanted, sufficient postage should be added. See page 2 for parcel post rates. WE DO NOT SEND C.O.D.

EXTRA EARLY ALASKA—The seed small, smooth and bluish-green in color; vines are uniform in growth and early maturity of pods, which are well filled with medium sized, bright green peas. They can be planted very early, as it will not rot as easily as the wrinkled variety. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 85c; gal. \$1.55; pk. \$3.75; $\frac{1}{2}$ bu. \$5.15; bu. \$10.00.

EARLY MAY—Has about the same growth and size of the Extra Early Alaska, except the seed peas are white in color. It is a good producer of well-filled light green pods. Pkt. 10c; pt. 25c; qt. 45c; $\frac{1}{2}$ gal. 85c; gal. \$1.55; pk. \$2.75; $\frac{1}{2}$ bu. \$5.15; bu. \$10.00.

LAXTON'S SUPERB—A hard, semi-wrinkled, blue-seeded extra early variety, growing 18 to 20 inches in height with deep green 4 inch semi-broad, pointed pods; of fair quality. Desirable as a gardener's first crop pea, standing very early planting. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.90; $\frac{1}{2}$ bu. \$3.45; $\frac{1}{2}$ bu. \$6.65; bu. \$13.00.

SUTTON'S EXCELSIOR—A fine variety of compact dwarf growth, pods are fully twice as large as American Wonder, maturing almost as early. Pods average 3 $\frac{1}{2}$ inches in length, well filled with large peas of sweet flavor. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.75; pk. \$3.25; $\frac{1}{2}$ bu. \$6.15; bu. \$12.00.

LITTLE MARVEL—A productive sort, the vines growing 15 to 20 in. tall, dark green and vigorous. Pods 2 $\frac{1}{2}$ to 3 in. long, $\frac{1}{2}$ in. wide, containing 6 or 7 large, dark green peas. Pods plump, straight, blunt ended and frequently borne in pairs. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.10; gal. \$1.90; $\frac{1}{2}$ bu. \$3.50; $\frac{1}{2}$ bu. \$6.65; bu. \$13.00.

PRIDE OF THE MARKET—One of the best second early sort; produce large, broad, dark green pods, generally grown in pairs, well filled and of fine flavor. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.90; $\frac{1}{2}$ bu. \$3.50; $\frac{1}{2}$ bu. \$6.65; bu. \$13.00.

TELEPHONE—An old standard, high quality, large podded pea. Height 4 feet. Vine and foliage strong and heavy, medium green. Pods 4 $\frac{1}{2}$ in. long, medium light green, straight, broad and pointed, containing 8 large light green peas, main crop, productive. Pkt. 10c; pt. 30c; qt. 56c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.75; pk. \$3.25; $\frac{1}{2}$ bu. \$6.15; bu. \$12.00.

LAXTONIAN—A very fine dwarf wrinkled variety; excellent for market or home use. The pods are dark green and very large, averaging five inches in length, crowded with six to eight very large peas of fine quality. Pkt. 10c; pt. 35c; qt. 65c; $\frac{1}{2}$ gal. \$1.10; gal. \$1.90; pk. \$3.50; $\frac{1}{2}$ bu. \$6.65; bu. \$13.00.

GRADUS OR PROSPERITY—Pods are extra large and well filled with big, plump peas, sweet and luscious. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.80; pk. \$3.35; $\frac{1}{2}$ bu. \$6.40; bu. \$12.50.

THOMAS LAXTON—Height 2 $\frac{1}{2}$ feet. Vines prolific and moderately stout. Pods medium green, 3 to 4 inches long, straight, nearly round and square ended, containing 6 to 8 dark green peas of superior quality. Same season as Gradus but more productive. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.85; $\frac{1}{2}$ bu. \$3.35; $\frac{1}{2}$ bu. \$6.40; bu. \$12.50.

SUGAR DWARF (Edible Pods)—One of the best of the Sugar Peas, growing 2 $\frac{1}{2}$ ft. high and very productive; seed large gray, much wrinkled. Pkt. 10c; pt. 30c; qt. 50c; $\frac{1}{2}$ gal. 95c; gal. \$1.75; $\frac{1}{2}$ bu. \$3.20; $\frac{1}{2}$ bu. \$6.15; bu. \$12.00.

MAMMOTH LUSCIOUS SUGAR—The finest type of sugar peas. Has no equal for sweetness and tenderness. Height 4 $\frac{1}{2}$ feet. Really a double purpose pea, for it may be used as an edible podded as well as a shelled pea, and is the equal of the sweetest wrinkled variety. The pods when about half grown should be sliced and boiled like snap beans and served with butter or sauce. The pods are 5 to 6 inches long, 1 $\frac{1}{2}$ inches broad, and are produced continuously for a long season. Requires support. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.80; pk. \$3.35; $\frac{1}{2}$ bu. \$6.40; bu. \$12.50.

MAMMOTH MELTING SUGAR—75 days. Well-known, productive and resistant to fusarium wilt. The fleshy, tender, 4 to 4 $\frac{1}{2}$ in. pods are light green, sometimes twisted, broad and blunt-ended, stringless, sweet and delicious. Large white seeded. Vines grow 4 to 4 $\frac{1}{2}$ ft. tall. Pkt. 10c; pt. 35c; qt. 60c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.80; pk. \$3.35; $\frac{1}{2}$ bu. \$6.40; bu. \$12.50.

LARGE BLACK EYE PEAS—Grow your own for summer use green and winter use dry. Pkt. 10c; pt. 35c; qt. 65c; $\frac{1}{2}$ gal. \$1.20; gal. \$2.15; $\frac{1}{2}$ bu. \$4.00; $\frac{1}{2}$ bu. \$7.65; bu. \$15.00.



LAXTON'S PROGRESS — The earliest large podded dwarf sweet pea. Height 18 inches. In season four days earlier than Laxtonian. Pods 4 inches long, broad and pointed, deep green in color, containing 8 large, dark green peas of high quality. Pkt. 10c; pt. 35c; qt. 65c; $\frac{1}{2}$ gal. \$1.10; gal. \$1.90; pk. \$3.50; $\frac{1}{2}$ bu. \$6.65; bu. \$13.00.



LAXTONIAN

SEED POTATOES

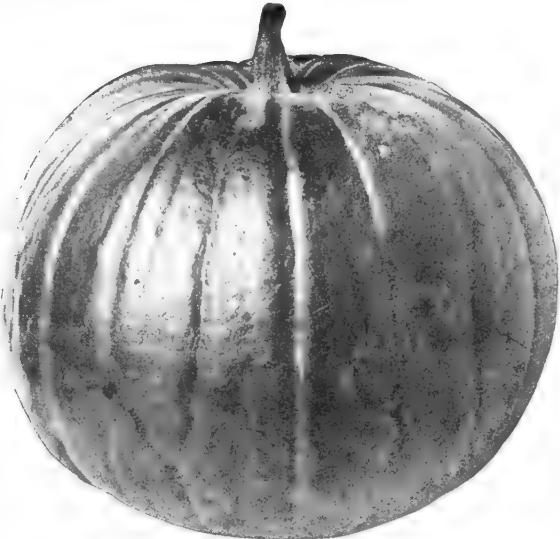
Lower Costs and Better Potato Yields with Improved SEMESAN BEL



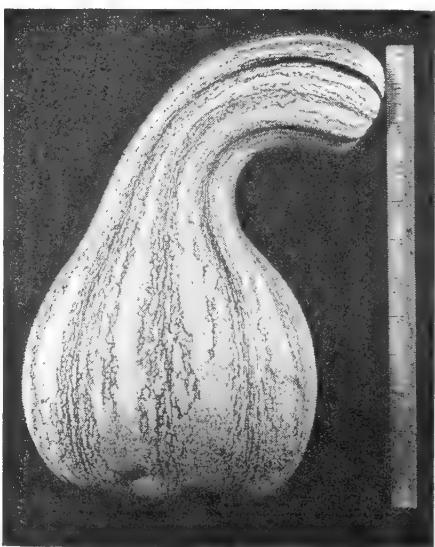
Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, Rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 60 to 80 bushels of seed.

Prices: 2 oz. 50c; 1 lb. \$2.30; 4 lbs. \$7.50.

(2 oz. treats 6 to 8 bushels)



PUMPKIN



STRIPED CUSHAW

CULTURE—Plant about four inches deep in rows 28 to 34 inches apart, and drop the potatoes 12 to 15 inches apart in the row. The soil should be well manured or well fertilized. A ridge should be thrown over the potatoes after planting and then level down just before the potatoes come through, and cultivate well until in bloom, and then ridge up again and leave alone until harvested. Use JOHN DEERE POTATO PLANTERS AND DIGGERS.

IRISH COBBLER—We believe we are safe in saying that 75 per cent of all the extra early potatoes planted today are Cobbler. Its popularity is based principally on its extreme earliness, but is also based on its reputation as a reliable and uniform yielder. One of its strong characteristics is that it makes few if any very small potatoes, practically all being medium to large size, and you rarely see a knotty Cobbler, for they are generally plump, handsome potatoes with smooth skin. The tubers are round to oval in shape; slightly flattened, have strong, well-developed eyes; the flesh is pure white and cooks dry and mealy. A first-class potato in every respect, thoroughly dependable and well worth a place in every garden.

Northern Grown, Large Seed Size
 Northern Grown, Medium Seed Size
 Ky. Grown Crop, Small Seed Size

**WRITE
FOR
PRICES**

CERTIFIED IRISH COBBLERS—It is false economy to save fifty cents or a dollar a bag by buying poor common potatoes when certified seed can be had—the most successful potato growers use nothing but certified seed. Certification has done for potatoes what breeding has done for horses, cattle, hogs, etc. During the growing season the fields must be inspected at regular intervals to detect diseases. If the percentage exceeds the limit prescribed by law, the field is condemned. The small additional cost of certified seed over poor seed is not worth considering. There is less disease, more No. 1 potatoes and greater profit to the grower. Every bag will carry the tag of the inspection authorities; this is an assurance that every safeguard has been applied to have them as pure as is humanly possible. **Prices quoted on request.**

RED TRIUMPH—The earliest maturing potato that we offer. Very popular in the South. The Red Triumph is the right potato for you to plant if you want an extra early and sure cropping potato of the very best quality. **Prices quoted on request.**

KENNEBEC—A heavy yielding late crop Potato of fine appearance and good quality. It is fast becoming a leading variety, as it succeeds under almost all conditions of weather and is disease resistant. The potatoes have a smooth white skin, are of flattened oval shape, with shallow eyes.

KATAHDIN—Originated in Maine by the U. S. Dept. of Agriculture. It is a slightly oval white, very smooth, with shallow eyes. The vines are light green and vigorous. The type is very uniform and in cooking and eating qualities it is unsurpassed. **Prices quoted on request.**

SEBAGO—A heavy yielding variety becomming more popular each season. The potatoes have white skin, shallow eyes, handsome in appearance, and of good quality. The vines are quite resistant to heat, drought and most diseases. Good for either spring or fall crop.

PUMPKIN

CULTURE—May be sown among corn, 3 to 10 feet apart each way. Cultivate same as melons.

WHITE CUSHAW—Creamy white; otherwise about the same as the striped variety. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

STRIPED CUSHAW—Very large, with crooked neck. Creamy white, irregular striped with green; flesh light yellow, very thick and sweet. Delicious when sliced and baked. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

SMALL SUGAR OR PIE—One of the best for the home garden. An excellent pie sort. Nearly round. 10 to 12 inches in diameter; rich orange color. Flesh thick, fine grained, very sweet. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.**

MAMMOTH OR POT IRON—Grow to an enormous size, sometimes weighing 90 to 100 pounds each. A fine keeper. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.**

KENTUCKY FIELD—Best for stock feeding. Grows very large, round and of yellow color. **Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 90c.**

RADISH

CULTURE—For early use sow in January in hotbeds, or sow the early varieties in Spring as soon as the ground can be worked, in light, rich soil, in shallow drills; and for a succession, sow at intervals of two weeks until May. From May to August sow the Summer varieties, and from August until September sow the Winter varieties. One ounce will sow 50 feet of drill; eight to ten pounds to the acre.

CHERRY BELLE RADISH—Round, smooth, red radishes, $\frac{1}{4}$ in. across, resemble cherries in shape and color; flesh is white, crisp and firm. Roots retain their good eating qualities for a long time as they are exceptionally resistant to pithiness. This most valuable characteristic, together with an attractive color, ideal shape, extra early maturity, slender tap-roots and short tops, make Cherry Belle a highly desirable radish for home use, market sales and forcing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c; 5 lbs. \$4.25.

COMET—For greenhouse and hotbed forcing, and outdoor planting. Early, crisp, mild and tender; rich bright scarlet, globe shaped, very uniform. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c; 5 lbs. \$4.25.

SCARLET TURNIP—WHITE TIPPED—Beautiful deep scarlet radish with a white tip. A general favorite with the market gardener and large shipper. The strain we offer is exceptionally fine and is true to name. (See cut.) Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.

SCARLET GLOBE—We have an exceptionally fine stock of this superb variety. It is one of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.

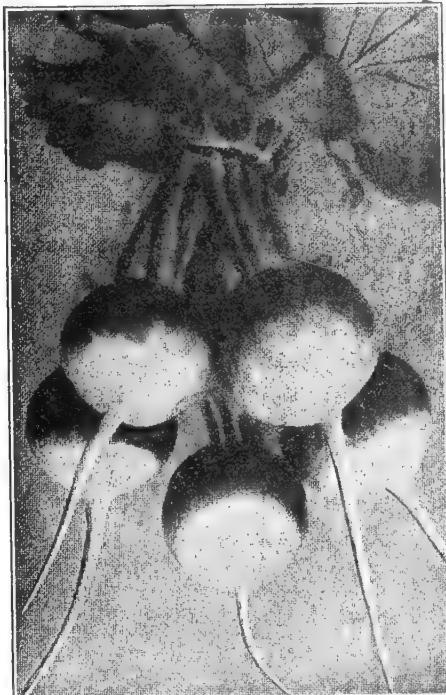
EARLY SCARLET TURNIP—A round, deep scarlet radish, with very small top; rich color; crisp and tender flesh. Very desirable for early outdoor planting. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.

WHITE ICICLE—A handsome long, pure white radish; extremely early. Ready to pull 25 days after sowing. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.

CINCINNATI MARKET—One of the handsomest long scarlet radishes known; beautiful bright rose color, almost transparent; brittle and crisp. Matures in about 25 days from time of planting. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.

CRIMSON GIANT—Exremely large, but never pithy. One of the best for out-door culture. Top is a little too large for a forcing sort; intermediate in season. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.

WHITE STRASBURG—The best of all Summer radishes. Grows about five inches long, about two inches in diameter at the top and tapering to a point. Keeps firm and solid longer than any other early variety. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 75c; 5 lbs. \$3.50.



SCARLET TURNIP—WHITE TIPPED

YOU'LL FIND
BLACK PANTHER
An Effective Non-Poisonous
Dust or Spray for Vegetables

WINTER VARIETIES

ROSE CHINA WINTER—Bright rose color; roots grow longer and thicker at the bottom than they do at the top. A very desirable variety, and a good keeper. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

ROUND BLACK SPANISH—An excellent sort for Winter. Skin black; flesh white, very compact and highly flavored. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

LONG WHITE SPANISH—A very late radish, with firm, crisp flesh, well flavored. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

LONG BLACK SPANISH—Roots rather long, thick, almost black, with white flesh. Adapted for late planting. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

RHUBARB

CULTURE—Sow in the Spring, in drills one inch deep, drills to be 12 inches apart, and thin the plants out to six inches apart. In the Fall, or the next Spring, transplant to three feet apart in well fertilized ground. One ounce will produce about 500 plants.

MYATT'S VICTORIA—Seed. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

MYATT'S VICTORIA—Roots. 20c each; \$2.00 per dozen.

SALSIFY or OYSTER PLANT

When properly cooked it is a good substitute for oysters and is very nutritious. A most palatable vegetable. Sow early in rows, $1\frac{1}{2}$ feet apart and cover firmly 1 inch deep; thin to 3 inches apart in the rows. Salsify may remain in the ground through the Winter. The roots are perfectly hardy; in fact, they are best after the frost has touched them. One ounce of seed will sow 50 feet of drill; 3 pounds will plant an acre.

MAMMOTH SANDWICH ISLAND—This splendid variety will average nearly twice the size of other sorts. Grows very uniformly; mild and delicious in flavor. A popular sort with all growers. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.10; lb. \$3.50.



VERTAGREEN

1 Lb.	\$.15
5 Lbs. ....	.55
10 Lbs. ....	.95
25 Lbs.	1.70
50 Lbs.	2.55
100 Lbs.	4.85



RADISH, EARLY SCARLET GLOBE

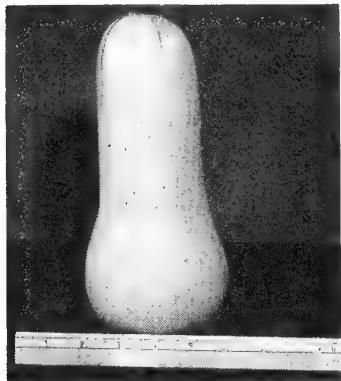
TELL YOUR FRIENDS TO WRITE FOR OUR
1954
FREE PREMIUM SEED CATALOG



EARLY PROLIFIC STRAIGHTNECK SQUASH



TABLE QUEEN SQUASH



BUTTERNUT SQUASH

TOBACCO STATES TOMATO COPPER DUST FOR BLIGHT

Apply Tomato Copper Dust as it comes from the package with a hand duster. For control of late blight, early blight, septoria leaf spot, anthracnose and leaf mold. Start dusting when the first true leaves appear and repeat every 7 to 10 days or after washing rains. Also good for blight on potatoes, cucumbers, squash, and melons. 2 lb. bag 50c; 5 lb. bag \$1.10.

SPINACH
CULTURE—Sow early in Spring, and for a succession at intervals of three weeks. In September and October sow for early Spring greens, and cover lightly during the Winter with straw. Sow about 12 pounds to the acre, broadcast.

AMERICA—50 days. A new, improved strain noted for its long standing and heavy yields. Leaves are glossy, dark green, thick and tender, heavily savoyed and crumpled. Plants grow 6 to 8 in. tall, 10 to 12 in. across and are slow to bolt to seed. For home and market. All-America Silver Medal Winner. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.00.

BLOOMSDALE SAVOY—A very early variety and one of the best to plant in the Fall for Spring use. Plant of upright growth, with thick, glossy, dark green leaves which are crumpled or blistered like those of Savoy cabbage. Quite hardy but runs to seed quickly in warm weather. Used largely by market gardeners. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.50; 50 lbs. \$18.00; 100 lbs. \$34.00.

VIRGINIA LIGHT RESISTANT—A blight resistant strain of the Savoy Leaved Spinach developed at the Virginia Experiment Station, making it now possible to grow spinach successfully on infected soil. A fairly early seeder. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 20c; 1 lb. 50c; 5 lbs. \$2.10; 10 lbs. \$4.00; 25 lbs. \$9.50; 50 lbs. \$18.00; 100 lbs. \$34.00.

NEW ZEALAND (Tetragonia Expansa)—Entirely distinct from the true Spinach; plant tall and spreading with numerous side shoots; leaves medium green, rather small and pointed; grows well in hot weather. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

SQUASH

CULTURE—Sow early in drills 12 inches apart, one inch deep, and thin out to two inches in the rows. Keep clean from weeds and cultivate the same as parsnips. One ounce will sow 50 feet of drill; 4 to 5 pounds to the acre.

BUTTERNUT—100 days. A recent introduction which has become very popular. Delicious when used for pies and excellent either baked or boiled. Resistant to stem borer. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

EARLY PROLIFIC STRAIGHTNECK—The fruits are 8 to 10 inches long, 2 to 2½ inches in largest diameter. It is long, slender, pear-shaped, with rounded or abruptly tapered tip; smooth or sparsely warted; light yellow in the edible stage. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.

EARLY WHITE BUSH—Very early. Light cream color; productive; medium sized and good shipper. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.

ZUCCHINI—Fruits are long, cylindrical, smooth, grey green to dark green in color. Length is 13 to 15 inches, width 4½ to 5½ inches. Flesh is a greenish white when edible and is of good flavor. Fruit has no striping or mottling. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

GOLDEN SUMMER CROOKNECK—Bright yellow; excellent flavor and very productive. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.50.

GIANT GOLDEN SUMMER CROOKNECK—Are about double the size of the ordinary crooknecks. Same shape. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; 1 lb. \$1.25.

STRAIGHTNECK, GIANT SUMMER—A selection from the Crookneck squash but with a straight rather than a crooked neck and thus being more easily packed for shipment. Fruits intensely warted, 18 to 20 inches long, deep orange in color with a thick, meaty neck. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; 1 lb. \$1.25.

CASERTA—The plants of Caserta is a bush variety, stands strong wind. The mature fruit are 15 to 18 in. long by 4½ to 5 in. wide, earlier than any other summer squash and a good producer. Small blossom end. The color is light glossy green with interrupted or broken stripes of a dull very dark green, rich in vitamins. Very uniform in size and shape. 30 to 50 fruit per plant under good conditions. 1 oz. 45c; $\frac{1}{4}$ lb. \$1.25; 1 lb. \$4.00.

TABLE QUEEN—Length 6 to 8 inches, 3 inches in diameter. About 2 pounds. Trailing habit. Deep green turning to orange; fruit ribbed; skin smooth. As it ripens use frequently. Desirable for home and shipping. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

IMPROVED HUBBARD—The standard Winter squash; fruits large, heavy and moderately warted; shell dark bronze-green, showing light green markings toward blossom end, flesh bright orange-yellow, fine grained, thick and dry. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; 1 lb. \$1.50.

TOMATOES

CULTURE—Sow in hotbeds in January and February and transplant into another bed when two inches high. When weather becomes warm and settled, transplant in rich, light soil, four to five feet apart; or sow end of April in open ground and transplant in open ground when six or eight inches high. They may be supported either by stakes driven into the ground, or may be left to spread over the ground. One ounce will produce about 2,000 plants; four ounces will plant an acre.

EARLIANA (Spark's)—One of the best very early tomatoes; very productive for an early sort; fruit of fair size, round, very smooth and solid and produced in clusters in center of the plant; color bright scarlet. Pkt. 10c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$7.00.

BONNIE BEST—Ten days earlier than Chalk's Early Jewel and as early as Earliana; a vigorous grower and enormously productive of smooth, round, globe-shaped fruits; color intense velvety, glowing scarlet. Tomatoes ripen evenly to the stem, without cracking or black spots. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$5.00.

JUBILEE—A new pure orange to orange-yellow tomato that is entirely different from any yellow or orange tomato you ever grew. The fruits are bright golden orange, globular, thick, meaty, orange colored interior, flavor somewhat mild. Makes delicious juice of attractive color. Very high in Vitamins A and C. Average wt., 6 ozs. 72 days. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c; oz. 90c.

TOMATOES

(Continued)

WILT-RESISTANT VARIETIES

CERTIFIED RUTGERS—Wilt resistant. Deep scarlet, solid meat. Vigorous grower and very productive. A fine variety for market or canning. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$5.00.

GROTHEN'S GLOBE—Early wilt-resistant variety, fruits are deep scarlet, uniform, globe shape, solid and heavy. Very productive. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75.

CERTIFIED MARGLOBE—Developed by the Agriculture Department and thoroughly tested in sections where the above diseases are very destructive. It is a vigorous grower whether in greenhouse or field. A bright red in color, of large size, almost round and very productive. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.00.

NORTON WILT RESISTANT—It yields a heavy crop of large, smooth, solid red fruits that ripen slowly, therefore is a good keeper and a good shipper; it is also remarkably drought resistant. An excellent tomato for the home garden, for canning and for the late market. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$5.00.

BREAK O'DAY—Early wilt resistant variety, large, solid, globular scarlet fruits. One of the best of the disease resistant varieties developed by the late Dr. Pritchard. About 10 days earlier than Marglobe. Pkt. 10c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; 1 lb. \$6.00.

CERTIFIED PRITCHARD—Mid-season, scarlet fruited sort, which is resistant to Fusarium wilt and to Nail-Head rust. Vine vigorous and productive. Fruits nearly globular in shape. Pkt. 10c; oz. 70c; $\frac{1}{4}$ lb. \$2.20; 1 lb. \$6.50.

STOKESDALE—A red, brilliant red. For market it is profitable because of its earliness, its beauty, and its quality. It averages three days earlier and 25% larger than Bonny Best. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

VALIANT—Extra early, extra large, extra solid. An ideal market variety producing a crop of large, fine colored fruits for the early high market prices. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

JOHN BAER—One of the earliest and most profitable varieties, having globe shaped fruit, of a bright scarlet color, good size and smooth, very solid; free from core and with few seeds. The vine is vigorous and continues to bear good size fruits much longer than most other early sorts. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$5.00.

JUNE PINK—Smooth round purple tomatoes. The fruit, for an extra early sort, grows large; the flavor and quality is exceptionally fine. Pkt. 10c; oz. 65c; $\frac{1}{4}$ lb. \$2.00; 1 lb. \$6.00.

GREATER BALTIMORE—Main crop, productive, red fruited variety of the MacIntosh type; quite popular with canners. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; 1 lb. \$4.00.

STONE—Best main crop for canning. Fruit is large uniform, smooth and of bright red color. Medium early. Pkt. 10c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; 1 lb. \$4.50.

YELLOW PEAR SHAPE—This is extensively used for preserves and to make tomato figs. The fruit is golden yellow; distinctly pear shaped and of excellent flavor. Pkt. 10c; $\frac{1}{2}$ oz. 50c; oz. 90c.

PONDEROSA—Largest tomato in cultivation. Not in favor with market gardeners, as it does not grow smooth and is too large. Rich in color; and has very few seeds. Pkt. 10c; $\frac{1}{2}$ oz. 50c; oz. 90c.

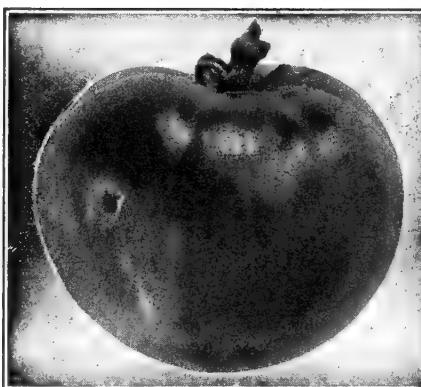
GOLDEN PONDEROSA—Largest of the yellow tomatoes and similar to Ponderosa except in color of fruit. Pkt. 10c; oz. 90c.

OXHEART—There is great rivalry among backyard and kitchen-gardeners to see which can grow the finest Oxheart in shape and size. Specimens weighing three pounds or more are quite common. While the Oxheart is not a heavy yielder, being similar to Ponderosa in this respect, the grower for market is going to find the Oxheart a mighty attractive sort. It is almost seedless. The flavor has just that delicious tomato quality that every lover of this fruit knows so well. Pkt. 10c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.

FAMOUS BRIMMER TOMATO—Fruits weighing from 1 to $1\frac{1}{2}$ lbs. are not regarded as particularly large, for they frequently weigh over 2 lbs. They are practically all meat, have no core and very few seeds. They are free from acid and can be enjoyed by those who can not eat acid fruits. Pkt. 10c; $\frac{1}{2}$ oz. 60c; oz. \$1.00.



MARGLOBE



RUTGERS TOMATO

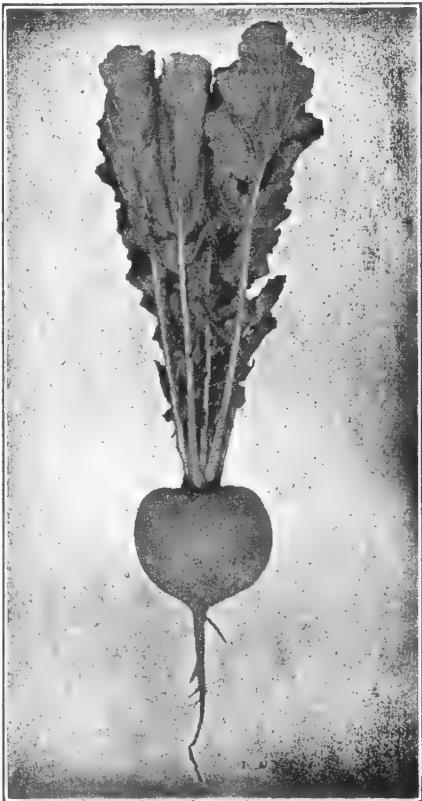
BURPEE'S BIG BOY HYBRID TOMATO

Extra Large

78 days. Well grown fruits average 10 ozs. with some weighing 1 lb. and more. Unlike other large fruited varieties, Big Boy tomatoes are perfectly smooth, deep globe to deep oblate in shape and very firm; scarlet-red skin, thick walls, with bright red meaty flesh of fine flavor and excellent quality. At its peak of performance in midseason, although large fruits are produced late in the season when many standard varieties decline in yield and size of fruit. An ideal hybrid for the home garden and market grower, especially roadside sales.

Plants are very large, extremely vigorous, semi-upright to spreading; moderately dense dark green foliage protects the fruits from sun scald. Pkt. 50c.

BUY SEEDS EARLY — AVOID RUSH



PURPLE-TOP GLOBE TURNIP

WHITE BURLEY TOBACCO SEEDS

CULTURE—Seed is sown in February in a plant bed which is protected by a thin cotton cloth and set about June first in highly fertilized ground in rows three and a half by three feet. Cultivate often and worm and sucker as needed.

CERTIFIED No. 16—Black Root-Rot Resistant Stand-up White Burley. Produced under the supervision and inspection of the KENTUCKY SEED IMPROVEMENT ASSOCIATION. No. 16 averages about two more leaves per plant than other varieties, which has resulted in a heavy yield of lug leaves. Only sold in original package. $\frac{1}{2}$ oz. 75c; oz. \$1.50.

SHIPP'S WHITE BURLEY TOBACCO SEED—Produces a bright grade of tobacco—on either old land or virgin soil—with color, quality and weight. Grows the Light Color cigarette and smoking tobacco that brings the highest price on the market. In originator's sealed packages. $\frac{1}{2}$ oz. 75c; oz. \$1.50.

RICKARD CERTIFIED TOBACCO SEED—Kentucky No. 16, 26-35, 41A 57— $\frac{1}{2}$ oz. 75c; oz. \$1.50.

RICKARD UNCERTIFIED TOBACCO SEED—Kentucky No. 22-24 and No. 56-58 and Tennessee No. 1 and No. 2, White Burley. $\frac{1}{2}$ oz. 75c; oz. \$1.50.

BLUE STONE

BLUE STONE—This is a finely ground BLUE-STONE that dissolves quickly in water. Has several uses around a farm or garden. Principal ones are for spraying grapes against downy mildew; and to spray tobacco beds to prevent wildfire. For tobacco beds use 3 lbs. Bluestone and 4 lbs. hydrated lime to 50 gallons water. This is sufficient for one spraying of a 9 x 100 foot bed once. Beds should be treated twice. The first time as soon as plants come through the ground good, then again 10 days later. 3 lb. pkgs. 75c.

TURNIP

CULTURE—For early use, sow as soon as the ground can be worked. The ruta bagas sow early in July, and the other winter turnips sow from the middle of July to the middle of August. Turnip seed is generally sown broadcast, but can also be sown in drills 12 inches apart, and can be cultivated; in this manner they will produce a large crop.

EXTRA EARLY PURPLE TOP MILAN—Of medium size, very sweet, ivory white both inside and out. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

RED OR PURPLE TOP STRAP LEAVED—For fall sowing and main crop this is the best variety. White flesh and purple top. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

PURPLE-TOP WHITE GLOBE—Best market turnip. Enormous producer and extensively grown for fall and winter use. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

IMPROVED AMERICAN PURPLE TOP RUTA BAGA—A hardy, productive variety with small neck; roots are large, oblong or globular in form, with a very small tap root; color bright yellow with a purple top; flesh very solid, tender and sweet. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

SEVEN TOP—Grown exclusively for the tops, which are used for greens. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 50c.

SHOGOIN—Fast growing, has large leaves, can be used as greens. Round white roots, mild and tender and fine quality. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

TOBACCO STATES INSECTICIDES

HOPPER WORM DUST

Directions—Do Not Dilute

For grasshoppers, and tobacco horn-worm. Apply dust thoroughly to plants using 10 to 20 pounds per acre, depending upon size of tobacco. Repeat if necessary. A period of about three weeks should elapse before allowing live stock to graze on fields where this dust has been applied. For better results, apply dust when horn-worms and grasshoppers are small.

For tobacco budworms—Application for horn-worms usually takes care of the budworms. For extra precaution, apply a pinch to each bud. 5 lb. package \$1.50.

5% D. D. T.

Tobacco-flea beetle on plant beds. Dust plant bed thoroughly at first sign of these insects. Repeat in two weeks if necessary. Good for potato bugs, flea-beetle, leafhoppers and cabbage caterpillars. Also good on glads, iris and lilies. 1 lb. bag 25c; 5 lb. bag 95c.

50% D. D. T.

Flies, mosquitoes and gnats in barns, hatcheries, poultry houses. For tobacco-flea beetles, lice on cattle, hogs and goats, sheep ticks. 1 lb. 75c; 4 lbs. \$1.80.

TRANSPLANTER SOLUTION

10% LINDANE

DIRECTIONS—Use only as directed.

TOBACCO STATES TRANSPLANTER SOLUTION is a special formulation made especially for use in transplanting water against wireworms. It should be mixed thoroughly with the water and will stay in suspension without agitation during the transplanting operation. The TRANSPLANTER SOLUTION establishes a zone of protection against wireworms around the roots of newly set plants. This allows the roots to develop and the new plants to become established.

TOBACCO—Wireworms: Use 2 to 4 fluid ounces in 50 gallons of transplanting water, depending on the type of soil. Apply at the rate of $\frac{1}{2}$ pint to the plant or about 200 to 250 gallons of mixture to the acre.

TOMATOES—WIREWORMS: Use $\frac{1}{4}$ pint in 50 gallons of transplanting water. Apply about $\frac{1}{2}$ pint per plant or about 200 gallons per acre. 8 oz. bottle \$1.25; Pt. \$2.00; Qt. \$3.75; Gal. \$12.25.

DAIRY CATTLE SPRAY

50% Technical Methoxychlor

For use on dairy cattle, mix one pound with 12 gallons of water and apply as a spray. Be sure to cover the animal completely. One pound will treat from 30 to 40 cattle, and one treatment normally will be effective for about two weeks.

For use in dairy barns, milk sheds, etc., as a residual spray, mix one pound with $2\frac{1}{2}$ gallons of water and apply evenly as a spray over about 375 square feet. Treat walls, floor cracks, crevices, stalls and pens. 1 lb. can \$1.25.

TOBACCO WORM DUST (Pfeiffer's)

Dust at rate of 5 lbs. or more per acre, depending upon the size and number of plants per acre and the severity of the infestation. Apply as needed, beginning when worms first appear. Repeat dusting as needed or after a rain. This dust may be used in control of the following tobacco insects: Hornworms, Budworms, and certain Flea-beetles. Contains Dichloro Diphenyl Dichloroethane (RHOTHANE). 5 lb. bag \$1.50.



SPECIALTY QUANTITY DISCOUNT

For cash with order on all 10c packets

1954 Flower Seeds

Your choice of any 10c pkt.
6 for 50c

FLOWER SEEDS

In keeping with the times we are adding new and dependable varieties of flowers, many "ALL AMERICAN" Selections and varieties of Special Merit to our list, along with the old fashioned or standard varieties.

We are always on the lookout for outstanding strains and varieties, through the reports of the originator, the grower and from our own observation we obtain expert and helpful information that we may pass on to the many flower lovers.

The varieties of SELECTED FLOWER SEEDS catalogued, are those that we know are best adapted to the soil and climate in our immediate and surrounding territory.

We have divided our flower seeds into three classes: Annuals, Perennials and Biennials, Vines and Climbers.

ANNUAL FLOWERS

Flowers listed under this head are those that will produce bloom the first year from seed. For early bloom, seeds may be sown indoors in boxes or in hotbeds or cold frames and later transplanted to beds where they may bloom. Outdoors, seed can be sown as soon as all danger of frost is passed, usually April in this locality. With the exception of Sweet Peas, DO NOT PLANT FLOWER SEED TOO DEEP. Larger and finer flowers are produced if the beds are properly prepared, deep spading, thorough pulverization, and an application of fertilizer is absolutely necessary.

Ageratum

We consider this to be one of the best bedding plants grown, its bushy habit makes it fine for borders, also used for porch boxes or pot plants for Winter blooming indoors.

BLUE PERFECTION—This is the deepest colored of all Ageratums, an amethyst-blue. Pkt. 10c.

MIDGET BLUE—Three inch globular plants are smothered with Ageratum blue flowers. Most uniform in habit, truest in color yet produced. The best we know for narrow ribbon planting. Pkt. 10c.

Sweet Alyssum

Plants are dwarf and compact, the most popular of all border plants, also useful for hanging baskets and porch boxes.

LITTLE GEM—Height 4 inches, covered with small pure white blooms. Pkt. 10c.

ROYAL CARPET—A top winner in the All American Selection for 1953. The plants grow about 6 ins. tall, with a 10 inch spread, and the flowers come in pleasing shades of purple. Excellent for borders. Pkt. 25c.

VIOLET QUEEN—This is a truly beautiful fragrant Sweet Alyssum of a bright violet hue, holding its colors through the hottest, driest summer. The best violet edging plant. Pkt. 10c.

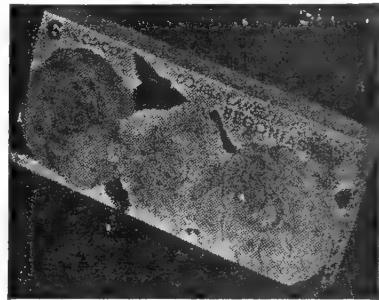
PACKAGED DAHLIA TUBERS

Featured here is an attractive package of 6 assorted Dahlia tubers. This box contains one each of six distinct beautiful large flowering Dahlia varieties, selected for best effect. A handsome box and a rare treat for the flower lover. Complete planting directions on every carton. Box \$1.75 postpaid \$2.00.

POMPOM DAHLIAS



Plant as soon as danger of frost is past. Choose a location receiving maximum sunlight. Make the holes at least 18 inches apart, and 4 to 5 inches deep. Place the tuber on its side, eye up, and cover with 2 inches of soil. Fill in the remainder as the plant grows. Box of 6 Roots \$1.50. Postpaid \$1.75.



DOUBLE CAMELLIA-FLOWERED BEGONIAS

Plant outside as soon as danger of frost is past. Choose a shady spot, (the north side of the house or partial tree shade) with good drainage. Box of 6 roots \$1.50. Postpaid \$1.75.

CALADIUM or ELEPHANT'S EAR

Large leaves shaped much like an elephant's ear. Medium size bulbs 35c each. Postpaid 50c.

CANNA BULBS

HUNGARIA—Deep pink. Leaves bluish green. 3½ ft.

KING HUMBERT—Large orange scarlet flowers surmount beautiful, vigorous deep bronze foliage. 4½ ft.

THE PRESIDENT—The greatest red Canna, very large and a free bloomer. Green foliage. 4 ft.

YELLOW KING HUMBERT—Flowers are yellow dotted orange scarlet. Green foliage. 4½ ft. high.

15c each; doz. \$1.50
Postpaid 20c each; doz. \$1.75

FANCY-LEAVED CALADIUM BULBS

The fancy-leaved Caladiums are gorgeous plants for window-boxes or semi-shady places in the garden. They like a well drained, rich soil but do well in good garden soil if it is not too heavy. Start the bulbs inside in pots covering with one inch of soil. Water sparingly until growth commences, then water liberally. Plant out after danger of frost is over. Nice in pots not hardy. 50c each. Postpaid 60c.

**STIM-U-PLANT PLANT TABLETS**

The original plant Fertilizer TABLETS assure quick, wonderful long lasting results. For use with house plants, rose bushes, window boxes, shrubs, flower and vegetable beds. 30 Tablets 25c.

**STIM-U-PLANT POTTING SOIL**

A rich, fresh loam scientifically prepared with the right amount of organic matter to make a ready-to-use soil... makes all plants grow and bloom. 1½ lb. bag 25c; 4 lb. bag 51c. Add Postage. See Page 2 for Postal Rates.

EndoPest**3-WAY GARDEN DEFENSE**

For control of chewing and sucking insects and fungus diseases. Contains Rotenone, Sulphur, Zinc and Phenothiazine. Always apply early in the morning while dew is still on plants so dust will stick. Can use with confidence on edible fruit, and vegetables as well as flowers, shrubs and trees.

Applicator gun	\$0.85
Refill cartridge .....	.65
2 lb. pkt.	1.79

WILT RESISTANT ASTERS

Many growers in the past have experienced great difficulty in raising Asters due to Fusarium Wilt. Seed of the following varieties are from plants grown in Wilt infected soils yet proved immune from the disease.

BEAUTY ASTERS—This type grows three feet tall of branching habit. Flowers large, very double, borne on long stout stems.

MIXED COLORS—Pkt. 10c.

CREGO'S IMPROVED GIANTS—A fine variety of this type, with long stems and full, fluffy flowers. Midseason. 2½ feet.

Mixed Colors—Pkt. 10c.

Bush Balsam

Free-flowering double Balsam of bushy growth, flowers appear in clusters on the top of stems instead of hidden on side of stems. It is a fine border plant. Pkt. 10c.

Balsam-Lady Slippers

An old timer, growing about eighteen inches tall in the shape of a small tree and producing all along the branches showy double flowers like small roses. Should be grown in rich soil. Double mixed. Pkt. 10c.

Candytuft

Very effective in beds, masses and borders, being fairly covered with blooms throughout the summer. Mixed colors. Pkt. 10c.

Calendula

A well known old-fashioned annual that has long been in favor. They are easy to grow, succeeding in almost any soil and are in bloom from early summer till frost. 1½-2 feet.

MIXED—All varieties. Pkt. 10c.

Carnation

MARGUERITE—An everblooming Carnation, blooming in 4 months from seed. Large double highly scented flowers. If protected, they survive an ordinary winter. Mixed colors. Pkt. 10c.

Castor Beans

Luxuriant rapid-growing with palm-like leaves. Excellent backgrounds or center of beds of foliage plants, the effect being especially striking after the brilliant colored fruit is formed.

MIXED VARIETIES—Pkt. 10c; oz. 15c.

Celosia—Cockscomb

CHRISTATA—Has large ornamental comb-like heads of blood-red. Foliage brown. Pkt. 10c.

EMPEROR (Nana)—A most impressive cockscomb which deserves a place in every garden; prized for cutting, fresh or dried. The dwarf plants, which average 10 in. in height, have dark, bronzy foliage and huge combs of deep, velvety crimson-purple. Pkt. 10c.

TALL MIXED—Extra fine colors in a well-blended mixture. Grow 1½ ft. tall. Pkt. 10c.

GIANT PLUMED OR FINE FEATHERED COCKSCOMB—Colorful plants with long, silky plumes. Effective in beds and borders; useful for cutting. Very free blooming. 2½ to 3 ft. Pkt. 10c.

Centaurea—Cornflower

JUBILEE GEM—A dwarf form of blue Bachelor Button. Compact, tidy and covered with large blue flowers. Jubilee Gem is splendid for beds, edgings and for cutting. Pkt. 10c.

DOUBLE BLUE—Very large flowers, rich deep blue, good stems for cutting. Pkt. 10c.

DOUBLE MIXED—Also called Bachelor's Button. Very showy for the garden and fine for cutting. Easy culture. Blooms from June until frost. Pkt. 10c.

Cosmos

These tall autumn flowering plants are useful as screens and backgrounds. The flowers are borne on graceful stems suitable for cutting.

GIANT SINGLE MIXED—A mixture of pink, white and crimson flowers. Pkt. 10c.

COSMOS SENSATION, Dazzler—Very rich, deep amaranth crimson. Early flowering blooming in about 12 weeks from sowing. The flowers are very large, 4 to 5 inches across, with heavy fluted petals. Height about 4 feet. By disbudding, enormous flowers can be obtained. Pkt. 10c.

ORDER SEEDS EARLY

Cosmos

ORANGE FLARE (Early)—Well-branched plants, 3 ft. tall, covered with showy single golden orange flowers in 3 to 3½ months from seed, and continue to bloom until frost. Especially valuable where summers are short. Pkt. 10c.

SENSATION—The flowers are mammoth in size, 4 to 5 inches in diameter, carried on long strong stems. It is early flowering, blooming in ten weeks from time of seeding. This mixture contains whites and shades of rose and pink. Pkt. 10c.

Dahlia

EXHIBITION MIXED—Seed for this mixture is taken from large exhibition flowers. Start seed early indoors in boxes and transplant as soon as the weather is warm. Try a packet of this seed, you may get a good new variety. Pkt. 10c.

UNWIN'S DWARF HYBRIDS—Flowers from seed in 60 days. Produces branching plants, two to three feet tall bearing semi-double flowers, three inches in diameter of pink, lavender, red, orange and other colors. Makes tubers that can be saved. Pkt. 10c.

Dianthus—Pinks

These old-fashioned garden pinks should be found in every garden. The gay blossoms on strong stems come in a variety of rich colors, and the stripes and markings make them especially attractive. They are of easy culture and bloom from early summer until late fall.

SINGLE MIXED—Large finely marked flowers having fringed petals. Pkt. 10c.

DOUBLE MIXED—This mixture supplies an abundance of fringed double flowers of rich colors. Pkt. 10c.

Eschscholtzia—California Poppy

These bright colored poppy-shaped flowers will make a wonderful showing in your garden.

SUNSHINE MIXTURE—This mixture contains a good range of colors. Pkt. 10c.

Everlasting Flowers

MIXED—This mixture contains seed of all types and colors. Plants are ornamental in the garden and also prized for winter bouquets. Pkt. 10c.

Forget-Me-Not

CHINESE MIXED—Graceful, loose sprays of large forget-me-not-like flowers are freely produced throughout the summer on strong plants. Splendid for garden. Of easiest culture; stands heat. Pkt. 10c.

Four O'Clock

MIXED—A blend of all colors of showy blooms. Flowers in great profusion that open only in the afternoon or on cloudy days. Pkt. 10c.

Gypsophila—Baby's Breath

Graceful plants of light fairy-like growth. Sprays are much in demand for cutting and combining with other flowers for bouquets and vases.

ELEGANS ALBA—Large flowering, pure white, of free easy growth. Pkt. 10c.

ELEGANS ROSE—A fine shade of rose. Excellent for cutting. Pkt. 10c.

Helichrysum

STRAWFLOWERS MIXED—This is the largest and showiest of all the everlasting. Flowers intended for drying should be gathered when the buds are partially opened and suspended with their heads downwards in a cool place. Pkt. 10c.

Hollyhock

INDIAN SPRING—Hardy annual, blooming in 5 months from seed. The semi-double, crinkly edged flowers range from pale pink to crimson rose and often measure 5 inches across. If plants are cut back after the first bloom is past they will produce a second crop of blooms the same season. Height from 4 to 6 feet. Pkt. 10c.

Larkspur

IMPERIAL MIXED—These are great improvements over the old type of Larkspur. By expert breeding and selection the growers improved the color and size of the blossoms and also the foliage. We urge you to give these a try. Pkt. 10c.

If You Grow
AFRICAN VIOLETS
You'll Want



Formulated exclusively for African Violet use . . . makes plants healthier, huskier with broader, velvet-like leaves and more brilliantly beautiful blooms. ¼ oz. 15c; 3 oz. 35c; 7 oz. 60c. 3 oz. can makes 60 quarts.

STIM-U-PLANT AFRICAN VIOLET SOIL

A "special" soil prepared for this particular plant to insure maximum growth and blooming. 1½ lb. bag 25c; 4 lb. bag 51c.

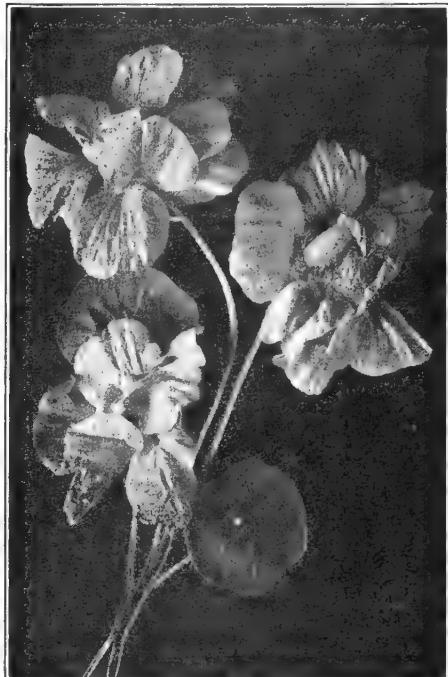


**Stim-U-Plant
AFRICAN VIOLET KIT**

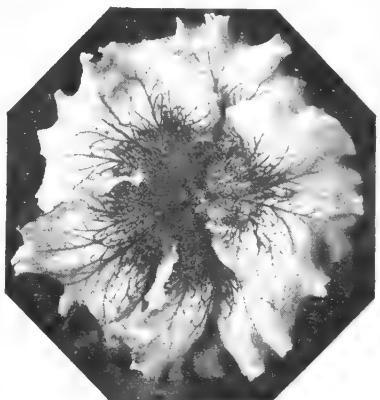
Contains everything needed to grow African Violets—soil, rooting medium, food and insecticide—plus "care & Growing" booklet only \$2.49. \$2.95 Postpaid.

**KRILIUM**

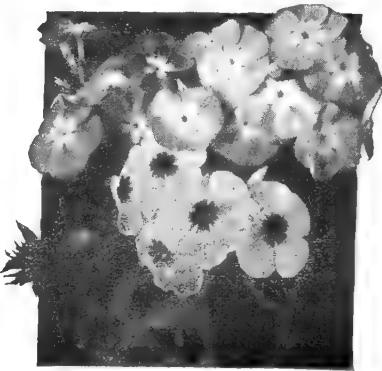
For garden and flowers: 5 lbs. will treat 40 sq. feet of soil to a depth of 6 inches or 80 sq. feet to a depth of 3 inches. 6 inch treatment is recommended for general use. 1 lb. \$1.39; 5 lb. can \$4.95.



NEW SWEET-SCENTED
GOLDEN GLEAM NASTURTIUM



GIANT PETUNIA



PHLOX
DRUMMONDI MIXED

The Newer Marigold

BUTTERBALL—Small canary-yellow, scabiosa-like flowers, 1½ in. across, with crested centers, completely cover the compact, bushy plants. Grow 8 in. tall. **Pkt. 10c.**

MARIGOLD FLASH—All America Silver Medal, 1945. The name "Flash" is descriptive of the bright combination of colors which range from vivid red through bronze with a few yellow flowers to give a harmonious contrast to the massed brilliance of the fiery alive plants. In most of the flowers the base color of tangerine is overlaid with rich marigold-red. Individual flowers of this new Single French Marigold grow 1½ in. and more across; the plants, 18 in. tall. **Pkt. 10c.**

MARIGOLD WILDFIRE—18 in. This seed bearing hybrid between French and African varieties, bears single flowers which sometimes reach 3 inches in diameter, varying in color and markings on the same plant. Blooms in eight weeks from sowing, flowering until frost comes. **Pkt. 10c.**

HARMONY—A Dwarf French Double variety. The flowers are quite different from any other Marigold. Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvet maroon-brown guard petals. Plants grow about a foot high, free blooming and extremely early. **Pkt. 10c.**

HARMONY HYBRIDS—Same compact growth as the Harmony type. Colors range from lemon-yellow to dark brown, many flowers have a combination of these colors, making a very striking effect. These dwarf compact plants make excellent bedding and border plants. **Pkt. 10c.**

GUINEA GOLD—A new distinct variety that has given very good results in this locality. Carnation-like petals and unusual brilliant golden colors, make this flower outstanding. It lacks the pungent odor of other African Marigolds. The plants bloom freely, and the stems are strong, making a wonderful cut flower. For best results we recommend early sowing. **Pkt. 10c.**

YELLOW SUPREME—A rich creamy-lemon color. A wonderful cut flower, holding its freshness for a week to 10 days. Plants are healthy, vigorous and prolific with foliage practically free from that objectionable Marigold odor. **Pkt. 10c.**

CHRYSANTHEMUM FLOWERED MIXED—Identical in form with the incurved Chrysanthemum. Plants prolific, strong stems, orange and yellow shades. **Pkt. 10c.**

BURPEE'S GOLD—Carnation flowered, deep orange color. Odorless foliage. Early flowering. An excellent cut flower. **Pkt. 10c.**

Pansy

One of the most popular annuals. Easy grown and flowers freely. Can be sown early in Spring or September. They require rich soil and plenty of water.

MIXTURE—Fancy strain of giants. **Pkt. 15c.**

Phlox

DRUMMONDI MIXED—A mixture of many colors that make very attractive beds and continue to bloom throughout the summer. **Pkt. 10c.**

Nasturtium

DWARF MIXTURE—We have blended a number of the best named varieties in this mixture that bloom throughout the season and give a gorgeous array of color. **Pkt. 10c; oz. 20c.**

TALL MIXED—A mixture of many colors. These climbing or running sorts are chiefly used for window boxes and drooping over retaining walls, which make a magnificent showing. **Pkt. 10c; oz. 20c.**

Double Gleam Nasturtium

The introduction of the Golden Gleam Nasturtium has created a demand for other colors in this new type of flower. The flowers come semi-double, are borne on stiff stems and delightfully fragrant. For attractive show in your garden or for bouquets indoors, you will find them unexcelled.

GOLDEN GLEAM—The flowers when fully in bloom, cover the entire plant with a blaze of golden yellow bloom. **Pkt. 10c.**

SCARLET GLEAM—The flowers are of a fiery orange-scarlet. Very fragrant and uniformly double and well formed. **Pkt. 10c.**

DOUBLE GLEAM HYBRIDS—A collection of many gorgeous colors, large flowers of dazzling beauty. **Pkt. 10c.**

Petunia

There is no plant of easier culture for bedding, window boxes or hanging baskets than the Petunia, and few make a gayer appearance when in full bloom.

Large Flowered Petunias

ELK'S PRIDE—A mammoth, velvety purple variety. **Pkt. 25c.**

RUFFLED GIANTS—Giant flowers of light and dark shades, fully fringed and ruffled. **Pkt. 25c.**

Bedding Petunias

RADIANCE—A cerise rose with enough underlying salmon to remove harshness. The throat is golden yellow. **Pkt. 25c.**

WHITE KING—Snow white flowers borne profusely on sturdy vigorous plants. **Pkt. 10c.**

BLUE KING—A deep violet blue. Fine bedding variety. **Pkt. 10c.**

FLAMING VELVET—Petunia Flaming Velvet has caused a sensation because of the uniform excellence of its velvety, rich, blood-red flower. Plants grow about 15 inches in height, uniform and the flowers are large and borne in great profusion. **Pkt. 10c.**

ROSY MORN—A fine pink bedding variety. **Pkt. 10c.**

ROSE OF HEAVEN—Rich brilliant rose with white throat, darker than Rosy Morn. **Pkt. 10c.**

HOWARDS STAR—Crimson-Maroon with a clearly defined star of white. **Pkt. 10c.**

FINE BEDDING MIXED—Single varieties, all colors. **Pkt. 10c.**

Petunia Fire Chief

Brilliant Color: The reddest Petunia you've ever seen! Dwarf habit Free Bloomer. Hybrida Nana Compacta type.

Record Maker: All point winner since the all-Americas were founded and overwhelming choice of 20 judges, Fire Chief is the only winner for 1950. **Pkt. 25c.**

Balcony Petunias

BALCONY BLUE—Large flowers, rich, velvety violet. **Pkt. 10c.**

BALCONY RED—Single large red, trailing habit. **Pkt. 10c.**

BALCONY MIXED—A fine large, single flowering type used mainly for window boxes and hanging baskets. Colors white, rose and blue. **Pkt. 10c.**

Poppies

They should be found in every garden. Of easy culture and produce a wealth of gorgeous blooms. Sow early.

IMPROVED SHIRLEY—Very large single flowers in the newest delicate colors and combinations. Most popular of all. **Pkt. 10c.**

AMERICAN LEGION—Glaring rich scarlet with a white Maltese Cross in the center. Most showy of all. **Pkt. 10c.**

Portulaca—Moss Rose

Low growing or creeping plants six inches high, and bear glossy cup-shaped blossoms in very brilliant and gorgeous colors. They love the sunshine and do best on rather dry ground.

DOUBLE MIXED—Extra large double flowers that are especially beautiful and showy. **Pkt. 10c.**

SINGLE MIXED—An extra fine strain with very large blossoms and many splendid colors. **Pkt. 10c.**

Rock Garden Mixture

This mixture includes many of the dwarf annuals, suitable for rock garden. Contains many colors and will afford a mass of bloom all season. **Pkt. 10c.**

Salvia—Scarlet Sage

A well known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October.

BLAZE OF FIRE—12 in. Earliest of all. The compact plants are mounds of brilliant scarlet, starting to bloom when only a few inches tall and continuing in bloom until late fall. **Pkt. 20c.**

SPLENDENS—Bright scarlet flowers. Height 3 feet. **Pkt. 10c.**

AMERICAN or GLOBE OF FIRE—This is a dwarf type, 18 inches in height. The freest blooming and most uniform in growth. **Pkt. 20c.**

Scabiosa—Mourning Bride

LARGE FLOWERING DOUBLE MIXED—Also called "Pin Cushion Flower." This is a mixture of many colors having perfectly double flowers, fine for cutting as they are gracefully borne on long stems well above the foliage. Very easily grown, like plenty sun. 2 to 3 feet tall. **Pkt. 10c.**

GIANTS MIXED

Everyone knows the Snapdragons. Very hardy and easy to grow, and produce an abundance of flowers from the time they begin blooming in Spring until Fall. Among the most popular flowers for cutting. These are superb Snapdragons, long, graceful spikes on robust plants, flowers of remarkable shades and sizes. Height 2½ feet. **Pkt. 10c.**

Giant Pink—**Pkt. 10c.** Giant Bronze—**Pkt. 10c.**

Giant Scarlet—**Pkt. 10c.** Giant Yellow—**Pkt. 10c.**

One package each of the 4 colors. **30c.**

Rust-Proof Snapdragons

RUST-PROOF SNAPDRAGONS—Rust (the disease that attacks the leaves of snapdragons causing them to die) is practically eliminated in this strain. This mixture has a wide range of colors, extra long spikes, fine for cutting. **Pkt. 10c.**

Stocks

DWARF TEN WEEKS MIXED—This early class forms dwarf compact plants that are excellent for bedding and edgings. They bear an immense quantity of fragrant blooms, each plant forms a perfect bouquet. **Pkt. 10c.**



PETUNIA
ROSE OF HEAVEN

**FLOWERS
NEED FOOD!**

1 lb. pkt. 15c; 5 lbs. 55c; 10 lbs. 95c;
25 lbs. \$1.70; 50 lbs. \$2.55; 2 50-lb.
bags \$4.95; 100 lbs. \$4.85.



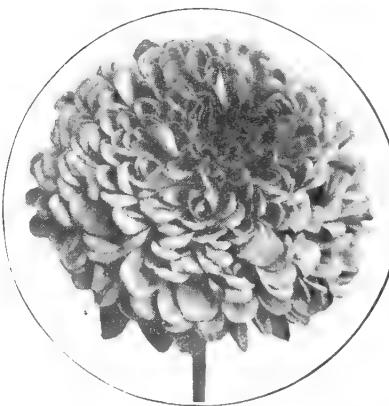
PORTULACA



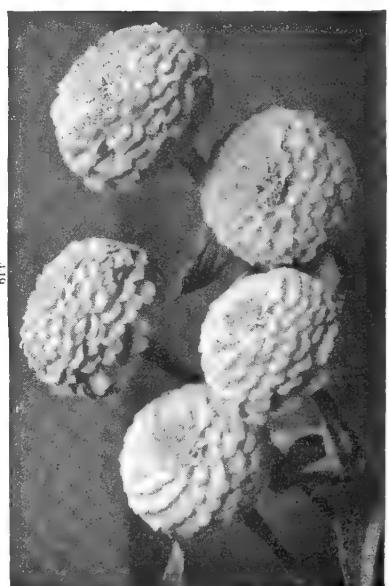
SNAPDRAGON



VERBENA



ZINNIA



ZINNIA

Cuthbertson Sweet Peas

Extremely vigorous, long stemmed, and heat resistant.

CULTURE—Early planting is advised so that they may bloom before very hot weather. Dig the soil deeply to allow deep rooting. Open a trench four to six inches deep, in which plant the seeds early in February and cover with an inch of soil and press it firmly. When up about two inches begin cultivating and gradually fill the trench until it is level. Do not allow the roots to become too dry; water at least twice a week. Be sure to gather the blooms, otherwise the vines will stop flowering. An ounce will plant 25 feet of row.

CAROL—Clear Pink. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

EVELYN—Salmon Cream. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

FRANK G.—Lavendar. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

HAZEL—Light Blue. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

JANET—White. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

JIMMY—Fine Bright Scarlet. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CUTHBERTSON MIXED—A newly perfected variety, with long sturdy stems and large flowers. Will stand both heat and drouth. All well balanced colors. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 90c.

SUMMER FLOWERING SPENCERS MIXED—A splendid blend of Spencer varieties grown for us by the most careful methods from proven stocks. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c.

Tithonia

TITHONIA—For great spectacular effects, a vivid background screen, a flame-flecked living green wall, no annual surpasses, or even approaches, this gorgeous Tithonia; and it is of the easiest possible culture. The plants grow to seven feet or more. The big, long-stemmed blossoms range from orange topaz through tangerine to those with burnished oversheen of scarlet fire. Pkt. 10c.

Vinca

VINCA ROSEA (Periwinkle)—Sow seed after last frost in open ground and thin to 1 foot apart or sow inside and transplant after all danger of frost is over. Seeds germinate in 10 days. Pkt. 10c.

Verbena

NEW GIANTS MIXED—A wonderful new strain of robust, compact habit, and very free blooming. Pkt. 10c.

Zinnias

ZINNIA, CUPID TYPE—The smallest of all. 1 ft. Compact plants of bushy habit. Each upright stem bears a flower 1 in. in diameter. Ideal for cutting and for use in miniature vases. Mixed colors. Pkt. 10c.

POM POM OR LILLIPUT—Fast becoming very popular wherever seen. Fine for cutting, beds, lining borders and general garden use. Pretty type of compact, bushy growth and literally covered with small densely double flowers in perfect taste, held well above the foliage. The flowers resemble Pom Pom Dahlias in size, shape and color. Pkt. 10c.

CRIMSON LILAC GEM
GOLDEN GEM ROSE BUD

WHITE
POM-POM MIXED

Any of the above varieties. Pkt. 10c.

Zinnia—Fantasy

The delicate, lacy petaled flowers lend an air of friendly informality to the garden or flower arrangement. Ideally suited to any decorative use, the rounded, medium-sized shaggy flowers are borne profusely on 2½ to 3-foot plants, in a wide and varied color range. Finest Mixed. Pkt. 10c.

STAR DUST—A deep golden yellow Fantasy Zinnia, resembling Cactus Dahlias. Pkt. 10c.

WILDFIRE—A rich dazzling scarlet of Fantasy Shaggy type. Pkt. 10c.

NEW DAHLIA FLOWERED ZINNIA—Distinct. The flowers are of immense size and are made up of a great number of small-sized petals. The individual petals stand well apart, giving an attractive grace and looseness to the flowers. They are strong growers, blooming profusely all during the Summer.

POLAR BEAR—Very large pure white flowers of true Dahlia flower form and size; best white yet seen in Zinnias.

CRIMSON MONARCH—One of the best, with immense flowers. A bright and attractive shade of crimson-scarlet. The blooms are perfect form; borne in great profusion.

EXQUISITE—The flowers resemble a large Decorative Dahlia. They are a pleasing shade of reddish rose with deeper rose in the center.

GOLDEN STATE—An excellent color. Rich golden yellow, shading to orange as the flower ages. Blooms are large, of true Dahlia form.

DREAM—The large flowers are a distinct shade of deep lavender, shading to purple as they age. Very large and of fine form.

MIXED—A fine mixture of the above varieties and many others. Any of the above varieties. Pkt. 10c.

DOUBLE GIANTS MIXED—The old-fashioned favorites, flowers of large size. Plants grow three feet tall and bear double blooms, four to six inches across. Pkt. 10c.

Window Box Mixture

A choice mixture of easily grown flowers especially suited for window boxes. The bright colors blended together produce a most beautiful and gay effect and a continuous succession of flowers throughout the season.

CULTURE—Sow seed broadcast in spring or early summer, covering lightly with soil well pressed down. Plants should be properly thinned out to prevent over-crowding otherwise they will become weak and spindly. Pkt. 10c.

WILD FLOWER GARDEN MIXTURE—A well balanced mixture of hardy annuals, suitable for planting in odd corners. Will give continuous bloom all season. Fragrant and fine for cutting. Pkt. 10c; oz. 50c.

PERENNIAL SEEDS

BY perennials we mean "hardy flowers" those that will live a number of years and will stand the Winter in this region.

A perennial border of the OLD-FASHIONED HARDY FLOWERS, is becoming more in demand by all those who possess a love for gardening.

Most perennials can be grown from seed and many will bloom the first season if the seed is started early indoors in boxes, or in hotbeds or coldframes. Seeds can also be sown in August.

Aquilegia—Columbine

LONG-SPURRED HYBRIDS—A fine mixture including all the beautiful color combinations of the largest sized long spurred flowers. Pkt. 10c.

Campanula

BELLFLOWER SINGLE MIXTURE—A mixture of all colors of large bell-shaped flowers. This is the beautiful old-fashioned sort. Pkt. 10c.

CUP AND SAUCER MIXED—All colors. Flowers resemble cups and saucers. Pkt. 10c.

Carnation

CHABAUD MIXED—Flowers 2 to 3 inches, double and many fine colors. This is the best strain of Hardy Carnations. Pkt. 10c.

Coreopsis

MAYFIELD GIANT—Fine for cut flowers, the bright yellow blooms are carried on long, stiff stems. Blooms all summer. Pkt. 10c.

Delphinium

The most popular of all perennials. The wonderful shades of blue found in these flowers make them valuable for cutting and combining with other flowers for vases and bouquets.

BELLADONA—Light blue shade found only in this variety. Pkt. 10c.

BELLAMOSA—Wonderful dark blue shade. Pkt. 10c.

GOLD MEDAL HYBRIDS—A new strain of Delphinium having magnificent spikes covered with large flowers of rare color. The plants are strong and vigorous. Pkt. 10c.

Dianthus

DIANTHUS HARDY ROCK GARDEN PINKS—Suitable plants for a rock garden, range from the tall to the dwarf trailing varieties; the former types serve to heighten the effect while the latter mats and covers the rocks and flat surfaces. Best results will be obtained by mixing the seed with quite a bulk of sandy loam which serves to scatter the seed evenly and also to cover it. Pkt. 10c.

English Daisy

BELLIS DOUBLE MIXED—All colors mixed. A low growing plant having fine double flowers early in Spring. Used for rock gardens. Pkt. 10c.

Foxglove

DIGITALIS MIXED—Old garden favorites. These produce spikes of blossoms 3 to 5 feet high. Pkt. 10c.

Gaillardia

THE DAZZLER—Large golden yellow flowers with rich maroon centers, borne on long stems making this a fine cut flower. Blooms from June to October. Pkt. 10c.

Gypsophila—Baby's Breath

PANICULATA GRANDIFLORA—Sprays of small single white flowers for using in bouquets with other flowers. Pkt. 10c.

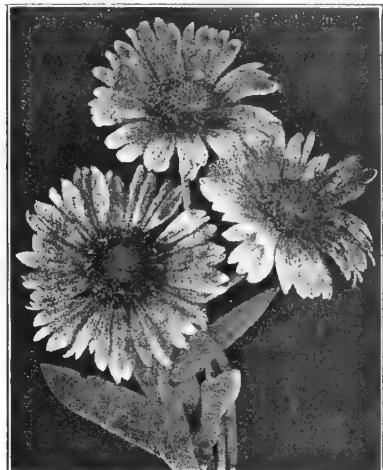
Hollyhock

Makes a charming background for the perennial border. Grows 6 to 8 feet.

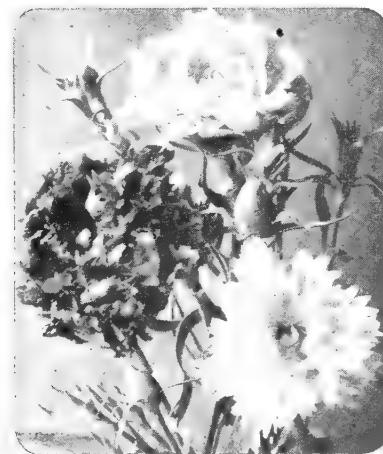
DOUBLE MIXED—Many new varieties, large flowers. Pkt. 10c.

Lathyrus—Hardy Sweet Peas

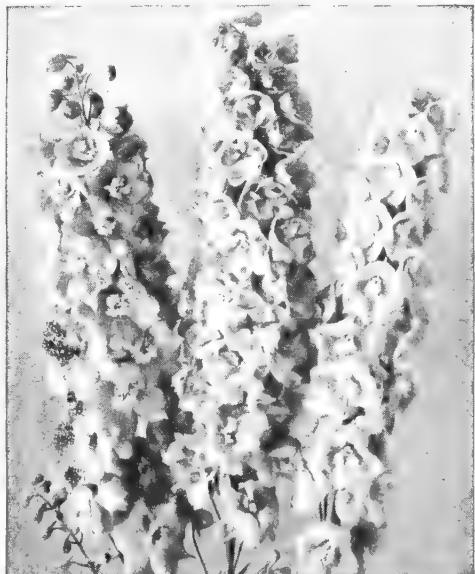
MIXED—Decorative climbing vines for fences or trellis. Good for cutting. Pkt. 10c.



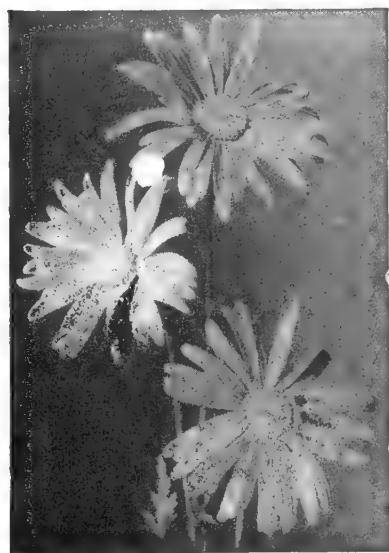
GAILLARDIA



CARNATION



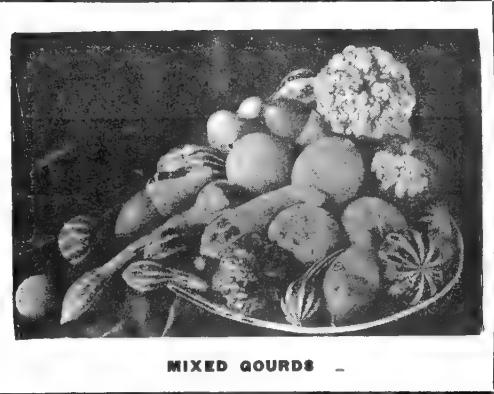
DELPHINIUM



PAINTED DAISY



SHASTA DAISY



MIXED GOURDS

Lupines

MIXED—Having stately spikes of bloom. 2 to 3 feet tall. They require soil free from lime. **Pkt. 10c.**

Physalis

CHINESE LANTERN PLANT—Produces bright red balloon-like husks which resemble Chinese lanterns. Used for winter bouquets. **Pkt. 10c.**

Poppies

ICELAND VARIETIES MIXED—Dwarf plants of neat habit having fern-like foliage, blooming profusely the entire season. Flowers of charming shades and tints. Fine for the rock garden. **Pkt. 10c.**

NEW ORIENTAL GIANT HYBRIDS—A strain having all the colors and types. For attraction and gorgeous coloring the Oriental Poppies have no other rival in the garden. **Pkt. 10c.**

Pyrethrum—Painted Daisy

ROSEUM HYBRIDS—All shades of rose and pink. Plant blooms in May and June. Charming daisy flowers good for cutting, fine stems and lasting. **Pkt. 10c.**

Shasta Daisy

ALASKA—Fine border plants, large, daisy-like flowers being produced in great profusion all Summer. Flowers are white, splendid for cutting. **Pkt. 10c.**

Sweet William

Excellent border plants and fine for cut flowers, look well in solid beds or masses, good border plants. An old favorite.

SINGLE MIXED—Many new varieties are found in this mixture. **Pkt. 10c.**

DOUBLE MIXED—Wonderful range for all colors and markings, none better. **Pkt. 10c.**

Tritoma

RED-HOT POKER—Very showy, flowers of bright orange-red borne on stout 3-foot stems. **Pkt. 10c.**

VINES and CLIMBERS

WITH their variance in color, their beauty of foliage and blossom, their grace wherever used, these vines frequently provide the finishing touches of any planting. Some adhere to the masonry, some must be trained through lattice or trellis and others with their tendrils will cling tenaciously, unshaken by wind or weather. Visualize the effect desired and train them accordingly to cover your walls and pilasters, your lattice or trellis, the pergola or laundry posts, the porch or portico, veranda or on the fence for shade, grace or flower and let them ramble in their plenitude—objects of beauty and a pleasure to the planter.

Cardinal Climber

This is a very attractive, strong and rapid grower, attaining a height of 25 feet, with beautiful fern-like lacinated foliage and literally covered with a blaze of fiery cardinal-red flowers from mid-summer till frost. The flowers are about 1 inch in diameter and are borne in clusters five to seven blooms each. **Pkt. 10c.**

Cypress Vine

A splendid climber, with dark green, feathery foliage and an abundance of bright, star-shaped white and scarlet blossoms. Sow thickly after the middle of April. Height, 15 feet. **Pkt. 10c.**

Dolichos—Hyacinth Bean

A splendid climber with clusters of purple and white flowers. Grows to a height of 15 to 20 feet. **Pkt. 10c.**

Gourds

These are desirable in many places where an immense amount of vine is wanted quickly. The blooms of some are quite striking and handsome. With many sorts the fruit is unique and ornamental and often useful. The small fancy gourds are excellent toys for children. **Pkt. 10c.**
Large Fruited Mixed Pkt. 10c.

Moonflower

Beautiful rapid climbers reaching a height of 20 to 30 feet. Their luxuriant foliage affords dense shade. Start the seeds indoors about the middle of March, soaking them 5 hours in warm water first to hasten germination.

GRANDIFLORA—Large white fragrant flowers 5 inches in diameter. Very rapid grower. **Pkt. 10c.**

HEAVENLY BLUE—Early flowering variety. Large flowers of bright sky blue. **Pkt. 10c.**

Morning Glory

The "Red, White and Blue" collection. One package each of these (3) for **25c.**

SCARLETT O'HARA—All American Gold Medal Winner. This Morning Glory is entirely distinct from any other on the market. Early to bloom, a carnelian red, about 3½ inches across. Blooms until frost and stays open longer than others. **Pkt. 10c.**

PEARLY GATES—Enormous flower 4½ inches across, of clear shining white. Vines covered with blossoms from mid-summer to frost. Heart-shaped leaves of light green. A fast growing, crasing in number until killing frosts arrive. **Pkt. 10c.**

HEAVENLY BLUE—Flowers measure 3½ to 4 inches across, deep blue with white throat. They blossom profusely and for a long season, opening in the morning and facing the sun. **Pkt. 10c.**

CORNELL—The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University, presenting a very gay appearance. Growth is rapid and flowers come early, when vine is two feet tall, increasing in number until killing frosts arrive. **Pkt. 10c.**



MORNING GLORY

Scarlet Runner Bean

SCARLET RUNNER BEAN—A rapid climber, flowering profusely; gr ws 10 to 15 feet high. **Pkt. 10c.**

GLADIOLIS BULBS

Gladioli are the most attractive and useful for cut flowers of all the Summer-flowering bulbs. Plant four to six inches apart in the row and about four inches deep.

BIT O' HEAVEN—Flaming orange with yellow throat. Tall, straight spike; 20 to 26 buds. **Doz. 70c; 100 \$5.00.**

BLUE BEAUTY—Light blue with edges of petals overlaid violet-blue. Large florets with 6 to 8 open at a time. Tall strong grower. Extra fine. **Doz. 80c; 100 \$6.00.**

BENJAMIN BRITTON—This recent arrival from Holland puts up a fine double-row spike of deep lavender with very good form and sturdiness. Has fine habits. Very tall and stately. **Doz. \$1.00; 100 \$7.00.**

ELIZABETH THE QUEEN—The best and most beautiful, clear lavender; has a touch of rose in the throat. **Doz. 80c; 100 \$6.00.**

MARGARET FULTON—Perfectly clear coral pink or rosy salmon with no markings, spikes are uniformly tall and straight, and the rather round floret opens well after cutting, an early bloomer. **Doz. 75c; 100 \$5.50.**

ETHEL CAVE-COLE—Pure light pink sometimes flaked. Makes a spike of 9 to 10 large, well placed blooms on a head of 20 to 24 buds. **Doz. 80c; 100 \$6.00.**

LEADING LADY—Creamy white with a lemon yellow throat. It is a sport of Picardy and the spike, flowers, and growing habits are identical to its parents. **Doz. 80c; 100 \$6.00.**

MAID OF ORLEANS—White with cream throat. Tall grower and good placement. **Doz. 75c; 100 \$5.50.**

MARGARET BEATON—Snowy white with small vermillion-pink blotch in the throat. Six perfectly placed flowers open on a long spike. The best of its color and should be very popular. A real wonder Glad. **Doz. 75c; 100 \$5.50.**

GOLD DUST—Deep yellow. **Doz. 70c; 100 \$5.00.**

PICARDY—Shrimp-pink. Tall, good grower. One of the very best Glads in existence. **Doz. 80c; 100 \$6.00.**

GENERAL EISENHOWER—Brilliant begonia-rose flowers of immense size, often as much as 7½ in. across. Tall, well-filled spikes. **Doz. 90c; 100 \$6.50.**

RED CHARM—One of the very finest medium reds from Europe. Does well under favorable conditions. Vigorous grower. **Doz. 80c; 100 \$6.00.**

SPOTLIGHT—Clean medium yellow with a small red throat blotch. Spotlight is one of the finest glads grown. Florets are of large size and are perfectly placed. It will open well and is a very good keeper. **Doz. 90c; 100 \$6.50.**

SHOW PRINCESS—A beautiful milky white with a light cream throat. **Doz. 75c; 100 \$5.50.**

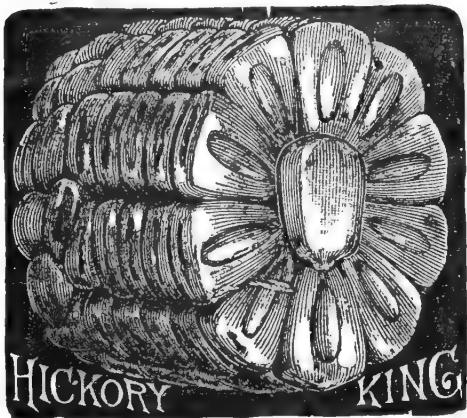
VALERIA—Distinctive light red shade; well-placed, prettily ruffled flowers, borne on tall, stiffly erect spikes. Much desired. **Doz. 80c; 100 \$6.00.**

MIXTURE—Contains a large range of color. Some of the standard types, combined with a large number of the newer varieties, make this mixture one of the most satisfactory for the price. There is absolutely no comparison between this mixture and those offered at lower price. **Doz. 70c; 100 \$4.50.**



GLADIOLUS

SEED CORN



ISOTOX 25 SEED TREATER

Isotox 25 Seed Treater is a special formulation for use in the treatment of seeds against wire worms and other soil insects. It is suitable for use in combination with most generally used fungicides. For corn, use $\frac{1}{2}$ oz. per bushel of seed. $\frac{1}{2}$ oz. can \$1.50.



HYBRID

Insure Your Seed Corn Against Attack of CROWS and PHEASANTS

BY USING “CROW-TOX”

Put clean corn in metal container which liquid will not penetrate. Then pour "Crow-Tox" Repellent over the corn and mix thoroughly. After thoroughly mixing, put treated corn in planter. Do not use foreign substances for drying purposes, such as lime or plaster, as it is not necessary.

Half-Pint Can ... Each \$0.60
Pint Can Each 1.00
Quart Can Each 1.50
(Half-pint treats one bushel)



WHITE CORNS

BOONE COUNTY TYPE—There is probably no one white corn as extensively planted as Boone County. It makes a 10- to 11-foot stalk of medium size with a fair amount of fodder. The grains are not flinty, so make good corn for feeding and milling. The ears are well filled at butt and tip; the grains are deep. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

JOHNSON COUNTY WHITE DENT TYPE—A very highly bred White Corn, of large size, containing a high percentage of oil and protein. It is medium late-maturing variety. The ears are from 9 to 11 inches in length and 7 $\frac{1}{2}$ to 8 inches in circumference containing from 18 to 22 rows. The kernels are wedge-shape, very deep and moderately rough. The stalks grow from 9 to 11 feet in height. The rooting system is extensive, affording great facilities for gathering plant food. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

DIAMOND JOE TYPE—This excellent variety of corn was originated and first introduced by the Ratekin Seed House of Shenandoah, in 1905, and has been planted during this time in every section of this country where corn is grown. It has proven one of the best, most wonderful in uniform large yield and early maturity that has ever been produced. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

SILVER MINE TYPE—One of the greatest yielding of all the white varieties. Early to mature. It is adapted to a wide range of conditions and a great success in the north, south, east and west. Our stock is Pure. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

HICKORY KING TYPE—The grain is so wide and deep and the cob so small that often a single grain will cover the end of a broken cob. It has been called the Poor Man's Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. Pt. 25c; Qt. 45c; $\frac{1}{2}$ gal. 80c; Gal. \$1.20; pk. \$2.10; $\frac{1}{2}$ bu. \$3.90; bu. \$7.50.

YELLOW CORNS

GOLD MINE TYPE—Early to mature; pure yellow; deep grain; a fine early; standard field variety. This wonderful early variety of yellow corn is widely known. It matures in 80 to 90 days. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

KENTUCKY YELLOW DENT TYPE—A large eared early maturing Yellow Dent Corn. For hog feeding. Kentucky Yellow Dent grows a rugged stalk of medium height, producing ears 9 to 12 inches in length. Ears are well filled out with solidly set kernels, rich in oil. Matures in 100 to 115 days. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

REID'S YELLOW DENT TYPE—Has a long and honorable record for dependability, good yields and generally satisfactory crops. A big yielder on good loam and heavy land, making ears that average 9 to 10 inches long with 18 to 24 rows to ear, well filled out at butt and tip. Grains are wedge-shaped, and rows are so close that there is practically no waste space between rows. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. 90c; pk. \$1.60; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

ENSILAGE CORNS

ENSILAGE TYPE—Southern Prolific and Eureka. It is of strong and vigorous growth, attaining a height of 12 to 15 feet, yields an unusually heavy growth of fodder and usually bears 2 ears to the stalk. Qt. 30c; $\frac{1}{2}$ gal. 55c; gal. \$1.00; pk. \$1.75; $\frac{1}{2}$ bu. \$3.15; bu. \$6.00.

HYBRID CORNS

WE OFFER HYBRID SEED CORN ADAPTED TO THIS SECTION

HYBRID YELLOW DENT

Plants are tall, stand well for late harvest, are quite tolerant to chinch bugs and drouth. The ears are somewhat slender heavy utility type, medium hard starch with high shelling percentage.

KY. GROWN—Qt. 45c; $\frac{1}{2}$ gal. 85c; gal. \$1.40; pk. \$2.55; $\frac{1}{2}$ bu. \$4.75; bu. \$9.00

FARMCRAFT—IND. GROWN—Qt. 50c; $\frac{1}{2}$ gal. 90c; gal. \$1.60; pk. \$2.90; $\frac{1}{2}$ bu. \$5.50; bu. \$10.50.

HYBRID WHITE DENT

Plants are medium tall, with heavy root system and heavy blight resistant leaves. Large cylindrical ears on strong shanks with grain of medium hard starch type, much superior to Johnson County.

KY. GROWN—Qt. 55c; $\frac{1}{2}$ gal. 90c; gal. \$1.55; pk. \$2.80; $\frac{1}{2}$ bu. \$5.25; bu. \$10.00.

FARMCRAFT—IND. GROWN—Qt. 65c; $\frac{1}{2}$ gal. \$1.00; gal. \$1.75; pk. \$3.15; $\frac{1}{2}$ bu. \$6.00; bu. \$11.50.

THE ABOVE PRICES are F.O.B. Louisville, Ky., if wanted by parcel post sufficient postage should be added. See page 2 for postal rates. No C. O. D. please.

PRICES SUBJECT TO MARKET CHANGES

KOREAN LESPEDEZA

It is an annual, reseeds indefinitely although closely grazed. For a year round pasture sow a mixture of Korean Lespedeza, orchard and Red Top. We believe KOREAN is the best variety yet discovered for Kentucky. 100 lbs. \$25.00; 50 lbs. \$12.80; 10 lbs. \$2.80.

KOBE LESPEDEZA

A variety similar to Korean, but larger, heavier and a little later. Excellent for hay or pasture. 100 lbs. \$26.00; 50 lbs. \$13.30; 10 lbs. \$2.90.

SERICEA PERENNIAL LESPEDEZA

SERICEA PERENNIAL LESPEDEZA—A drought-resistant variety which is rapidly becoming popular in the South. Sericea is primarily a hay crop that will thrive on poor, acid soils where red clover and alfalfa are not profitable. Prepare the seed bed well for Sericea. Use as much care as with Alfalfa. Broadcast 20 to 25 pounds per acre during March and April. 100 lbs. \$30.00; 50 lbs. \$15.30; 10 lbs. \$3.30.

BIRDSFOOT TREFOIL

BIRDSFOOT TREFOIL—A legume equally useful as a hay or pasture crop. Attains a height from 12 to 30 inches, with bright yellow blossoms. Grows well in acid soil too low in fertility and cold for Alfalfa and Red Clover. Sow four to five pounds per acre—One to three pounds in a mixture. Mixed with alfalfa is not recommended. 70c per pound; 5 lbs. \$3.25; 10 lbs. \$6.25; 20 lbs. \$12.00.

LADINO CLOVER

LADINO CLOVER—This so-called improved White Dutch Clover is rapidly gaining popularity. Sow 2 to 3 pounds per acre. Lb. 65c; 5 lbs. \$3.30; 10 lbs. \$6.30; 20 lbs. \$12.30; 50 lb. bag \$27.50.

CERTIFIED LADINO—Lb. 70c; 5 lbs. \$3.55; 10 lbs. \$6.80; 20 lbs. \$13.30; 50 lb. bag \$30.00.

RED CLOVER

KENLAND RED CLOVER (Certified)—The most outstanding characteristic of Kenland is that it is longer lived than other strains, having maintained good stands into the third year or second harvest year. Pk. \$7.40; ½ bu. \$14.20; bu. \$27.75;

Kenland Registered Pk. \$7.50; ½ Bu. \$14.40; Bu. \$28.25
Kenland Affadavit Pk. \$6.95; ½ Bu. \$13.30; Bu. \$26.00

RED CLOVER—The standard soil improver as well as a bountiful feed plant, both for pasturage and hay. Can be sown in the Spring from February 15th to April 1st; also in the Fall months. Sow 8 to 10 pounds to the acre. If you have been failing to get a stand of this valuable crop, be sure and use a heavy coat of lime, this will assist you in getting a big crop. Pk. \$6.00; ½ bu. \$11.45; bu. \$22.25.

MAMMOTH or SAPLING CLOVER

MAMMOTH OR SAPLING CLOVER—Similar to red clover, both in appearance of seed and its habit of growth, but larger, heavier and a little later. Considered more valuable as a soil improver on account of its extra growth. Sow 8 to 10 lbs. to the acre and try "Nitragin" (Inoculation) on a portion of your field and see the difference. Pk. \$6.00; ½ bu. \$11.45; bu. \$22.25.

ALSIKE CLOVER

ALSIKE CLOVER—Not as rank in growth as red clover, but grows finer and thicker. It is well adapted to moist or cold ground, and on account of it not being as early as red clover it is better suited to be sown with timothy, red top and other grass mixtures. It makes very fine hay and does excellent for grazing purposes. Sow 6 to 8 pounds to the acre. Pk. \$4.90; ½ bu. \$9.30; bu. \$18.00.

ALFALFA

ALFALFA—When once established Alfalfa has no equal as a hay producer—three to four cuttings in a season, the yield averaging from 4 to 6 tons per acre. It is a true leguminous perennial and sends down into the subsoil long tap roots. It does best on a rich loose limestone soil, with porous subsoil, but thrives on most soils. It is one of the best forage crops, as it contains very high food values; as a soil enricher it is extremely valuable. Sow from 20 to 30 lbs. per acre.

Utah Grimm	Pk. \$5.95; ½ Bu. \$11.30; Bu. \$22.00
Oklahoma	Pk. \$5.30; ½ Bu. \$10.00; Bu. \$19.50
Certified Buffalo	Pk. \$5.80; ½ Bu. \$11.00; Bu. \$21.50
Affadavit Buffalo	Pk. \$5.30; ½ Bu. \$10.50; Bu. \$19.50
Certified Atlantic	Pk. \$6.20; ½ Bu. \$11.80; Bu. \$23.00
Kansas	Pk. \$5.40; ½ Bu. \$10.30; Bu. \$20.00
Certified Ranger	Pk. \$5.95; ½ Bu. \$11.30; Bu. \$22.00

BOKHARA or SWEET CLOVER

BOKHARA OR SWEET CLOVER—Used extensively in this section for the restoration of depleted and worn out soil. When young, resembles in growth alfalfa, but develops into a tree-like plant, growing four to six feet high. Sow 20 to 25 pounds to the acre in Fall or Spring.

Hulled Yellow Blossom	Pk. \$2.65; ½ Bu. \$4.75; Bu. \$9.00
Standard Sweet Clover	Pk. \$2.75; ½ Bu. \$5.00; Bu. \$9.50



KOREAN LESPEDEZA

Inoculate all Legume Seeds with
NITRAGIN

OVER FIFTY YEARS OF SERVICE
When ordering, Always state name of seed.

COMBINATION (AB)	BEANS (D)
Size	Retail
1 bu. ea.	\$.55
2 bu. ea. ....	.95
ALFALFA (A)	Size Retail
Swt., Bur., Hubam Clovers	1 bu. ea. \$.55
1 bu. ea.	2 bu. ea. \$.40
CLOVERS (B)	BIRDSFOOT Trefoil— Broadleaf and Narrow-leaf varieties.
Red, Alsike, Crimson, White and Ladino,	4 lb. ea. \$.15
½ bu. (Ladino)	½ bu. ea. .... .40
each ....	.18
1 bu. ea. ....	.55
LESPEDEZA (L)	SPECIAL CULTURES — Give name of seed when ordering. Big Trefoil, Crown Vetch, Kudzu, Garbanzo (Chick Pea), Lima Bean, Sanfoin, Sesbania, Astragalus Sp. (Milkvetch), Leucaena glauca. Others upon request.
100 lb. size (Inoculates up to 100 lbs.)	\$.55
PEAS, (C)	LESPEDEZA (L)
VETCHES (All But Crown)	100 lb. size (Inoculates up to 100 lbs.) ea. \$.50
100 lb. size (Inoculates up to 100 lbs.) ea. \$.50	½ bu. ea. \$.18
5 bu. ea. .... .60	1 bu. ea. .... .65
25 bu. ea. 2.70	GARDEN SIZE — Peas, Beans, Sweet Peas, Lupines, Lima Beans, and Edible Soybeans.
(one can)	Enough for 8 lbs. seed —Retail Price 15c ea.

NOTE

Prices are F. O. B. Louisville, Ky., if delivery by Parcel Post is wanted sufficient postage should be added. We do not send C.O.D.

TELL YOUR FRIENDS TO WRITE FOR OUR

1954

FREE PREMIUM SEED CATALOG

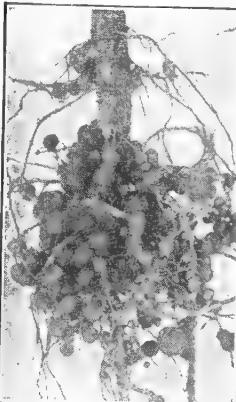
GRASS SEEDS



Young ALFALFA root with nodules produced by NITRAGIN inoculation. NITRAGIN bacteria within the nodules aid in producing higher protein hay, increased yields, and richer soil.



RED CLOVER root with nodules produced by NITRAGIN inoculation. NITRAGIN bacteria within the nodules aid in producing higher protein hay, increased yields, and richer soil.



SOYBEAN root with nodules produced by NITRAGIN inoculation. NITRAGIN bacteria within the nodules aid in producing higher protein hay, more soybeans and richer soil.

OUR SEEDS

are Tested for Vitality and Purity

and properly tagged in accordance with the Kentucky Seed Laws.
Prices fluctuate, write for prices. We try to ship orders
within a day after we receive them.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

BROME GRASS—A hardy perennial for permanent pastures and one of the best for dry soils. Has a strong root system and withstands extremes of cold and drought. Makes excellent pasture, sowing 15 lbs. Brome with 8 lbs. Alfalfa, per acre. Yields much more than Timothy—Alfalfa by the third year. Broome starts very early in spring. Sown alone, broadcast 25 lbs. per acre. Drought resistant. Cattle like Brome exceedingly well. **100 lbs. \$27.00; 50 lbs. \$13.50; 25 lbs. \$7.10; 10 lbs. \$3.00.**

KENTUCKY BLUE GRASS—Fancy recleaned seed. It succeeds well on most fertile soils in the Central and Northern States. It grows slowly at first, but makes a thick, compact turf if properly cared for after sowing. For pasture sow about 2 bushels per acre. **Bu. \$21.30; 4 bu. lot @ \$21.10 bu.; 8 bu. bag @ \$21.00 bu.**

ORCHARD GRASS—Very fast growing grass. It starts very early in the Spring and will afford an abundance of excellent pasture all through the season. It is inclined to grow in clumps and is benefited by pasturage. If not pastured too close, it is possible to cut two crops in a single season. It is adapted to most any soil except very low, wet ground. Sow early in the Spring or in Fall. Sow from $\frac{1}{2}$ to 2 bushels per acre. **Bu. \$4.00; 4 bu. lot @ \$3.85; 8 bu. bag @ \$3.75 bu.**

RED TOP OR HERD GRASS—A very valuable grass for the farm with low, moist soil; however, will thrive well on uplands. It spreads and thickens from year to year and will gradually supplant other grasses; it is one of the finest grasses for hillsides or land likely to wash. Fancy Recleaned seed. **100 lbs. \$78.00; 50 lbs. \$39.50; 10 lbs. \$8.10.**

TIMOTHY—Makes the most nutritious and salable hay of all grasses; however, not extra good for pasture, as it is injured by close cutting or grazing. It thrives best on low, heavy soil and will do well on most any fertile land. Good results are obtained if mixed with red top, mammoth clover, alsike, or some other grass maturing at same time. Sow one peck to acre. **Per bu. \$8.65; $\frac{1}{2}$ bu. \$4.60; pk. \$2.50.**

RYE GRASS—In Kentucky, rye grass may be sown either in the fall or in the spring, but it appears that fall seedlings produce considerably more pasture and hay than spring seedings. Fall seeding should be done before the middle of September, if possible, so that the grass may enter the winter with a good growth. Twenty pounds of seed to the acre is sufficient, if properly sown, to produce a heavy stand. If sown in a mixture or for a nurse crop, ten to fifteen pounds is sufficient. **100 lbs. \$15.50; 50 lbs. \$8.25.**

PASTURE MIXTURE—Contains Clovers, Grasses and Lespedeza that should make permanent pasture and furnish continuous grazing. **100 lbs. \$15.00; 50 lbs. \$7.80; 10 lbs. \$1.90.**

SWEET SUDAN GRASS—Developed by the Texas Station and the U. S. Dept. of Agr. Sweet Sudan is sweet, juicy, and more palatable to livestock, than is ordinary Sudan. The seed of sweet Sudan is reddish brown. It is resistant to disease and does not shatter easily. Later than common Sudan, hence produces more growth! The leaves are broader, and the stalks taller and heavier. Sow 25 to 35 lbs. per acre. **100 lbs. \$12.00; 50 lbs. \$6.30; 10 lbs. \$1.50.**

DWARF ESSEX RAPE—The Economical Pasture Crop, Fattens Sheep Without Grain—A quick and cheaply grown pasture for sheep, hogs, cattle and poultry. Ready in 6 to 8 weeks from sowing. Sow it as early as possible—late March or early April is not too late. Three or four pounds plant an acre in drills; six to eight pounds broadcast. **Lb. 25c; 10 lbs. \$2.10; 100 lbs. \$20.00.**

MILLET—Southern German Type—One of the most valuable quick-growing hay crops in cultivation. It can be sown May first to the latter part of July and will produce a fine crop in 6 to 8 weeks. If sown thick and cut when in bloom it makes a very fine nutritious hay. Our seed stock of this is Tennessee grown and makes much heavier yield than western seed. **Bu. \$9.00.**

BUCKWHEAT—JAPANESE TYPE—A week earlier and larger-grained than Silver Hull. A good yielder. **\$3.50.**

**NEW IMPROVED CERESAN for Wheat, Oats, Barley—4 oz. 50c;
1 lb. tin \$1.30; 4 lbs. \$4.35. (4 oz. treats 8 bushels)**



SUNFLOWER—Mammoth Russian—It is immensely productive and can be raised cheaper than corn. Seeds are very valuable for poultry feed; especially when moulting. **Lb. 35c; 10 lbs. \$3.00.**

CANE FOR FEED ONLY

EARLY ORANGE TYPE—This is an old variety, very popular in some sections. Makes large growth and forms loose heads. **Pk. \$1.80; $\frac{1}{2}$ bu. \$3.30; bu. \$6.00.**

SEED OATS

CLINTON OATS—Don't pass up Clinton Oats this year! Clinton produces a plump, thin hulled grain, about six pounds heavier per bushel than old varieties, and it grades high on the market, giving you oats of maximum feeding value. Clinton has received much praise in farm and agricultural papers and we believe you will like it immensely. Disease Resistant, Heavy Test Weight, Stiff Straw, Bigger Yield, Does Not Lodge, Wide Adaptability. **Bu. \$1.75.**

COLUMBIA TYPE—Our seed stock of this popular variety is recleaned and northern grown. **Bu. \$1.75.**

THE ABOVE PRICES are F. O. B. Louisville, Ky., if wanted by parcel post sufficient postage should be added. See page 2 for postal rates. No. C. O. D.

FESCUE SOY BEANS---COW PEAS

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PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FESCUE

CERTIFIED KENTUCKY 31 FESCUE—It is very hardy, makes good leafy growth and stays green throughout the season. Makes fine pasture and hay. 100 lbs. \$20.00; 50 lbs. \$10.00; 25 lbs. \$5.30; 10 lbs. \$2.30.

KY. 31 FESCUE—It is very hardy, makes good leafy growth and stays green throughout the season. Makes fine pasture and hay. 100 lbs. \$18.00; 50 lbs. \$9.00; 25 lbs. \$4.80; 10 lbs. \$2.10.

COW PEAS

MIXED—These can be profitably used for fertilizing purposes, or hay, and can be purchased at slightly lower prices than straight stocks. Bu. \$7.00.

The Legume Seeds You Plant Will Produce Better Crops If Inoculated

ALFALFA
CLOVER
PEAS
BEANS

WITH



SOYBEANS
COW PEAS
LESPEDEZA
All Legumes



Spray With Gold Bear Weed Killer And Get Cleaner Crops.



Eastern Experimental Station Soybean Field. Left, not inoculated, right, inoculated with NITRAGIN.

SOY or SOJA BEANS

They make poor land good — They make good land better



LINCOLN TYPE—Yellow variety, for beans. Bu. \$4.50; 10 bu. \$4.45.

WABASH—New yellow variety, about 5 to 10 days later than Lincolns. Don't shatter, will hold in pods longer than any other bean. Very good oil bean. Heavy yielder, medium tall; one of the best new beans out. A Purdue University bean. Give this new bean a trial. Bu. \$4.50; 10 bu. \$4.45.

WILSON EARLY BLACK TYPE—A very prolific variety, and one of the best where a quick, early variety is desired. Average height on good land is about three feet. It was found to mature in about 115 days, to stand up well, make pods a good distance from the ground and retains its seed. Bu. \$5.50; 10 bu. at \$5.45.

DO YOU GET IT?

The helpful SPECIALTY CATALOGUE of Farm Equipment and Supplies issued by Our Implement Department? Send us your name and address — we will gladly mail you one FREE.



SOYBEAN FIELD near Spencer, Ohio
One drill row thru center not inoculated. Remainder of field inoculated with NITRAGIN.



EFFECT OF WINTER COVER CROP ON CORN

The corn on the right was grown without a cover crop, that on the left followed a winter cover crop inoculated with NITRAGIN.

FOR FALL PLANTING

RYE — WHEAT — OATS

BARLEY

CRIMSON CLOVER — VETCH

Fall prices will be quoted about August 1st. Let us know your requirements.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ELIMINATE WEEDS AND HARVEST MORE PROFITS



"40" (LIQUID) AMINE BASE

Proper timing of your application is very important in getting the best results. Weeds must always be growing actively to get a good kill. It is generally best too, to spray while weeds are small and before the bud stage. Spraying should be avoided during hot humid days.

Most generally used for weeds and vines in corn fields.

1 gal. can \$5.15; 5 gal. can \$24.75; 55 gal. drum \$4.50 per gal.

CROP AND WEEDS

Quantity to Use

*Annual weeds in corn and sorghum	1 pint per acre
*Oats, barley and spring wheat	½ to 1½ pints per acre
*Winter wheat	1 to 2 pints per acre
Pasture and turf areas	3 pints per acre

*Gold Bear Brand "40" should not be used if legumes are seeded in small grain.

"44" (LIQUID) ESTER BASE

For those difficult-to-kill weeds, Gold Bear Brand "44" has provided the answer. It is an ester formulation that penetrates plant tissues more quickly and is not readily washed off by rain. Gold Bear Brand "44" controls such persistent weed pests as wild onions, poison ivy and cottonwood.

Most widely used in this section to control wild onions in small grain crops and orchard grass. Generally for the best kill apply late in February or early March when onion growth becomes active. Apply at rate of 1 to 1½ pints per acre. DO NOT USE IF LEGUMES ARE SEEDED IN GRAIN. 1 gal. can \$5.20; 5 gal. can \$25.00.

WOODY PLANT CONTROL LOW VOLATILE ESTER BASE

Contains 20% of 2, 4-D, 10% of 2, 4, 5-T. Highly recommended for fence rows, briars or any hard to kill woody plants.

Is not harmful to livestock when used in pastures. 1 qt. can \$2.50; 1 gal. can \$6.00; 5 gal. can \$29.00.

GOLD BEAR 55

Contains 4 lbs. of low volatile Ester 2-4-5-T per gallon. For foliage, tall woody or stump treatment. Combine with diesel oil or water for application. Most effective as dormant spray. \$13.30 per gallon.

WARNING!

GOLD BEAR 44, 55 and WOODY PLANT CONTROL are ester formulations and like all "esters" may drift. Do not use near crops susceptible to 2, 4-D. Vapor drift is greatest in hot, humid weather. Never use ester formulation near flowers or vegetables. Always clean sprayer after using weed killer if you use sprayer for other purposes.

MUL-TEX

THE NEW BUCKWHEAT HULL MULCH THAT PROTECTS

Here it is—the mulch you've been waiting for! Easy to use—just pour it from the bag container—keeps the moisture in the ground, smothers weeds. Color is rich dark brown, a good background for the plants, giving your flower or vegetable bed a neat, attractive appearance. Readily worked into the soil, it decays slowly, keeping soil in good condition.

Keeps in Moisture—Easy to Use—Keeps Down Weeds.

50 lb. bag \$2.00.

CATTLE MANURE

A STRICTLY ORGANIC FERTILIZER

An ideal soil builder and mulch. Easy to apply as a top dressing. When applied to lawns of poor soil texture it has the decided advantage of binding sandy soil and breaking up a clayey condition. Ideal for Roses.

Broadcast at the rate of 100 lbs. per 1000 sq. ft.

1½ lb. 25c; 5 lbs. 55c; 25 lbs. \$1.40; 50 lbs. \$2.30.

TERRA-LITE VERMICULITE

The most talked-of product in gardening in years! Composed of countless tiny air cells, Terra-Lite vermiculite holds and releases air and moisture in just the right quantities. Not a fertilizer, but a superior growing medium—good for all these jobs:

Starting Seeds. Quicker, bigger development, easy to transplant.

Lightening Soil. Breaks up heavy clay, aerates soil.

An Ideal Mulch. Protects plants winter or summer.

Transplanting. Promotes healthy growth for all plants.

New Lawns. Finer lawns, with less frequent watering.

Rooting Cuttings. Sure-fire medium for strong fast rooting.

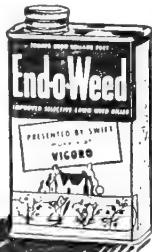
Storing Bulbs. Stops storage rot. Keeps bulbs firm and plump.

Lb. 25c; 20-lb. bag \$2.35.

Spray WEEDS AWAY!

- To rid your lawn of weeds, spray with End-o-Weed, selective lawn weed killer. Kills 'em roots and all. Easy, economical to use.

Presented
by
Swift



END-o-WEED — ½ Pint Can 98c;
Quart Can \$2.60; Packet 25c; Side
Sprayer 50c.

ACME

WEED KILLER

Directions for Use



Spraying Weeds — For killing weeds on cinder drives, ways, paths, ditches, clay courts, fence rows, and waste places, use Weed Killer at 1 to 50 dilution and spray thoroughly both weeds and ground. In cultivated fields for the control of morning glory and certain other weeds, use at a dilution of 1 to 100 gallons of water. Use fifty gallons of diluted spray to cover 50 square yards. Application on warm foggy days in the fall of the year gives best results. Repeat application if necessary.

Pint 65c; Quart 90c

T. C. A.

90% SODIUM

WEED KILLER

Directions for Use

For control of certain grasses, such as Johnson grass, Bermuda grass, and Quack grass.

For Johnson grass use 1 lb. to 1 gallon of water, which will cover approximately 300 sq. feet.

Will sterilize soil for about 60 days or longer duration will vary with type of soil and soil moisture.

10 lb. can \$5.50

NOTE

WE DO NOT PAY POSTAGE. All other items listed in this catalogue unless otherwise stated, prices are f. o. b. Louisville, Ky., if delivery by parcel post is wanted sufficient postage should be added. No. C. O. D. Please. See Page 2 for Postal Rates.

SUPPLIES AND REQUISITES

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SEE PAGE TWO FOR POSTAL RATES



Germaco

Hotkaps

Protect Plants For Profit

GERMACO HOTKAPS can make you extra dollars this season. They protect plants from frost, wind, rain, insects and ground crusting. Thus they produce harder, quicker crops. You get highest prices! Prices: 1,000 lots \$18.35; 5,000 lots \$18.20 per M; 10,000 lots \$18.05 per M; 25,000 lots, \$17.00 per M; 250 Trial Package including Garden Setter \$5.00; 100 Home Package including Garden Setter \$3.15; postage extra.

Home Garden Package—25 HOT-KAPS with setter—95c.
Postage Extra—Weight 2 lbs.

SHEEP MANURE

This concentrated weedless, soil-building manure puts new life and beauty into all plants. It produces thick, velvety-green lawns, beautiful flowers and shrubs and big crops of crisp, delicious vegetables. Everybody can get results because it does not burn plants and is easy to apply. For lawns and gardens use 10 pounds to 100 sq. ft. Simply broadcast as you would sow seed. Rake into the surface soil around established plants.

5 lbs. 40c; 25 lb. \$1.40; 50 lbs. \$2.25.

VERTAGREEN



1 lb. pkg. 15c; 5 lb. pkg. 55c; 10 lb. pkg. 95c; 25 lb. bag \$1.70; 50 lb. bag \$2.55; 100 lb. bag \$4.85.

HOT BED GLASS

8x10 glass per box of 90 lights \$9.00.

FOR BETTER LAWNS

BEMIS
EROSIONET

Bemis EROSIONET is a strong, economical, open-mesh fabric. When placed over any seeded surface, its $\frac{1}{4}$ -inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight.

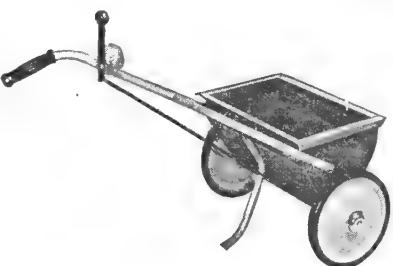
Erosionet also catches and holds moisture. It helps overcome seed losses and lawn disappointments from poor germination.

Bemis Erosionet comes in rolls 45" wide. A few minutes calculation enables you to purchase just the right amount without waste. Erosionet is quickly and easily laid. 21c per yard. Please add postage.

Master's Seed and Fertilizer Distributors

Save time and money by getting the amount of distribution you need for your lawn the MASTER way. These spreaders have tubular handles with rubber grips and rubber tires, are very sturdy built and easy to adjust by control on handle.

Model 25D 18 inch spread.....\$ 9.95
Model 30 18 inch spread..... 12.75
Model 40 24 inch spread..... 19.75
Model 241SD 24 inch spread..... 49.25



INSTANT VIGORO 19-28-14 no filler. An all water soluble complete plant food for foliage feeding. Will not burn. Spray directly to foliage. Use for force feeding on tobacco, vegetables and plants as well as your flowers. Supplemental feeding to lawns. Does not have to be washed off. 8 oz. can 80c; 16 oz. can \$1.25; 3 lb. can \$3.00; 25 lb. drum \$13.35.



VIGORO

1 lb. 15c, 5 lbs. 55c, 10 lbs. 95c, 25 lbs. \$1.70, 50 lbs. \$2.55, 2 50-lb. bags \$4.95, 100 lbs. \$4.85.



Plant Labels

PLAIN

	Per 100
4 in. Pot Labels.....	\$0.40
6 in. Pot Labels.....	.50
8 in. Pot Labels.....	.65
12 in. Pot Labels	1.00
8 in. Garden Labels	1.00
12 in. Garden Labels	1.80
3 1/2 in. Copper Wried Tree Labels .....	.60



Horn Seed Sower

BRASS SEED GAUGE

Patented

Has a patented seed gauge, constructed of brass, that will never rust. In fact, it is this gauge that has made this seeder so popular. It is very accurate and dependable and is attached to a heavy sectional tin tube. The canvas bag holds about one half bushel.

Price \$1.00 each.

DO YOU GET IT?

The helpful SPECIALTY CATALOGUE of Farm Equipment and Supplies issued by Our Implement Department? Send us your name and address—we will gladly mail you one FREE.

Cyclone Broadcast Seed Sower



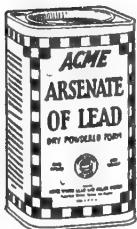
THE CYCLONE will sow practically all kinds of seeds that are sown broadcast, such as clovers, grasses, wheat, oats, rye, millet, turnips, etc., and the flow of seeds can be regulated so as to sow just the quantity you want to sow to the acre. \$4.30.

E.T.X. FABRIC CEMENT—Especially adapted for the repair and patching of awnings, canvas, tarpaulins, overalls, and all clothing and leather materials. Cloth bags. Qt. \$2.75.

NEW

All natural rubber vegetable bunching bands. Sizes 14-16. Price per lb. \$1.75.

SPRAYS AND DUSTS



ARSENATE OF LEAD—Highly toxic to chewing insects on fruits, vegetables, flowers and shrubs. Does not burn tender foliage. 1-lb. can 79c; 4-lb. bag \$1.75. We can make attractive prices on larger quantities.

ACME ROTENONE GARDEN GUARD

Don't let bugs have your vegetables. Dust or spray with Garden Guard and enjoy the fruits of your toil. The killing ingredient is Rotenone—non-injurious to humans and warm blooded animals. Furthermore, Rotenone is very effective as it acts both as a contact and stomach poison against a wide range of insects.

1 lb. sifter carton 50c; 4 lb. bag \$1.25



"BLACK LEAF 40" kills plant lice on roses, shrubbery, fruits and vegetables. A concentrated solution of nicotine sulphate, guaranteed to contain not less than 40 per cent of nicotine. 1-oz. bottle 39c; 5 oz. \$1.19; 1 lb. \$2.69; 2 lbs. \$4.79; 5 lbs. \$7.40.

BORDEAUX MIXTURE—This well-known fungicide prevents and controls fungus diseases on apples, grapes, potatoes, tomatoes, currants, raspberries and other crops. 1-lb. bag 60c; 4-lb. bag \$1.45.

CHLORDANE DUST OR SPRAY

Contains 5% Chlordane

For use in the control of grasshoppers, ants, roaches and certain insects on turfs and crops. For the control of ants in the lawn, this material may be applied as a dust at the rate of about 8 to 12 ounces per 1000 square feet, or as a spray, at the rate of about 3 to 5 ounces (12-19 level tablespoons) in one gallon of water per 400 square feet. For the control of ants and roaches, this material may be lightly dusted in cracks and crevices where pests harbor and multiply. 1 lb. can 55c; 5 lb. bag \$1.10.

SULPHUR—(Agricultural) Used on cut seed potatoes and dusting on plants to control fungus diseases and insects. 50-lb. bag \$2.50.

TOBACCO STATES HOME ORCHARD FRUIT SPRAY

For apples, peaches, pears, plums, grapes or cherries.

FRUIT TREE (Spray Dust)—A complete fruit tree spray or dust. A scientific blend of insecticides and fungicides, wetting agents, in micro particle size. Controls all diseases and insects. Nothing else needed. 2 lbs. \$1.10; 5 lbs. \$2.25.

POMO-GREEN Dust or Spray

FOR USE IN THE CONTROL OF Black Spot, Powdery Mildew, Aphis, Rose Chafer, Japanese Beetle, Leaf-eater, Leaf Hopper, Red Spider, and Many Other Chewing and Sucking Insects and Diseases. Leaf Green in Color. A Combined Insecticide and Fungicide. 1 lb. can \$1.00.

TRI-OKEN All-Purpose Spray

Especially recommended for roses, asters, snapdragons, carnations, hollyhocks, delphiniums, phlox, chrysanthemums, zinnias, golden glow, dahlias, and many other plants.

E Kit (makes 8 quarts)	.....\$1.50
A. Small Kit (makes 16 quarts)	.....\$2.35
Protects 12 to 20 roses for season.	
B. Medium Kit (makes 64 qts.)	.....\$6.00
Protects 50 to 80 roses for season.	
C. Large Kit (makes 32 gallons)	.....\$9.00
Protects 100 to 160 roses for season.	

REDI-MIX WARFARIN

Place 2 oz. to 1 lb. of REDI-MIX WARFARIN where rats are known to feed. Protect from children, pets and livestock. Never let bait station remain empty more than 48 hours. BAITING MUST BE CONTINUOUS UNTIL COMPLETE LACK OF FEEDING IS NOTED—USUALLY 5 to 14 days.

1 lb. can 80c

WARFARIN RAT KILLER (Concentrate). Because Warfarin acts so slowly, rats do not develop bait shyness and therefore whole colonies can be wiped out. Relatively safe to handle. So powerful that 1 part Warfarin must be added to 19 parts of suitable bait, such as cornmeal or oatmeal. 4/5 oz. 49c; 1/4 lb. \$1.69; 1/2 lb. \$2.98; 1 lb. \$4.98.

K-R-O

KILLS RATS ONLY
(Without Poison)

K-R-O—Simply mix with ground raw beef or fish. 2-oz. can (will make 2 lbs. of bait) 75c.

K-R-O — Ready-Mixed— This is K-R-O powder mixed with an attractive bait ready to use. 40 gram can 35c.

LIME SULPHUR—(Dry)—For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite. 1 lb. 67c; 5 lbs. \$2.75; 10 lb. bag \$3.50.

LIME SULPHUR SOLUTION—Liquid form of Lime Sulphur. Gal. \$1.00; 5 gal. \$4.00.

MELON DUST—For the control of the Striped Cucumber Beetles and many other insects. 1 lb. and 5 lbs.

NICO-FUME POWDER—Pressure-Fumigator—“Nico-Fume” Powder will now be packed in special cans, hermetically sealed. Two eyelets are scored on opposite sides of each can, near the top. A special lighter (a small “sparkler”) is attached to the can. 1-lb. can 95c; 1/2-lb. can 55c.

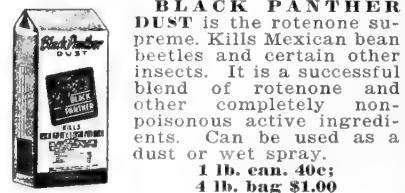
BENZO FUME PRESSURE FUMIGATOR—1-lb. can 50c; 1/2-lb. can 30c.

PARIS GREEN—A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary. 1 lb. 80c; 2 lbs. \$1.50; 5 lbs. \$3.50.

END O PEST TREE SPRAY

END O PEST TREE SPRAY—For fruit and shade trees, shrubs and evergreens. Complete control for insects and fungus diseases. Use 5 level tablespoons per gallon. 1 pound makes 10 gallons of spray material. 1 lb. bag \$1.25; 3 lb. bag \$3.25.

BLACK PANTHER GARDEN DUST AND SPRAY



BLACK PANTHER DUST is the rotenone supreme. Kills Mexican bean beetles and certain other insects. It is a successful blend of rotenone and other completely non-poisonous active ingredients. Can be used as a dust or wet spray.

1 lb. can. 40c;

4 lb. bag \$1.00

RED ARROW INSECT SPRAY

(LYTHRUM DERIS SOA)

**RED AR-
ROW**—Non-
poisonous,
kills by
contact, will
not burn or
stain ten-
derest foliage,
ounce will make 4 to 8
gals. spraying solution. For bean
beetle one ounce to 3 or 4 gals. Oz.
35c; 4 ozs. \$1.00; 1 pt. \$2.85; 1 qt. \$5.00;
1 gal. \$18.20.

ACME TOMATO DUST—A general garden insecticide with emphasis on better tomato protection, good for tomato blight.

1-lb. sifter carton 60c; 4 lb. bag
\$1.50; 50 lb. bag \$12.50.

**ACME WETTABLE DUSTING SUL-
PHUR**—Keep your roses free from
mildew, black spot, leaf spot and
other hideous fungus diseases. 2-lb.
sifter carton, each 60c.

SLUG SHOT—A reliable remedy for destroying cabbage worms and used extensively on melons, cucumbers, egg-plants and tomatoes. It is non-poisonous to human life. 1-lb. canister 40c; 5-lb. package \$1.70.

BONE MEAL—Made from fresh bone and steamed. Analyzes about 5% nitrogen. 1 lb. 15c; 5 lbs. 60c; 10 lbs. \$1.10; 25 lbs. \$1.90; 50 lbs. \$3.25; 100 lbs. \$5.95.

CAN NOT BE MAILED

NOTE

All prices on insecticides are subject to market changes and being unsold.

Prices are F. O. B. Louisville, Ky., if delivery by Parcel Post is wanted sufficient postage should be added. We do not send C.O.D.

We Carry A Complete Line of
Garden Rakes, Garden Hoes, Grass
Whips, Spading Forks and Garden
Tools

PLANET JR. GARDEN TOOLS

ALL PRICES SUBJECT TO CHANGES WITHOUT NOTICE

No. 300A SEEDER—The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. \$36.95

No. 4D—Hill and Drill Seeder.....	27.95
No. 4 —Hill and Drill Seeder, Single Wheel Hoe.....	34.95
No. 22—Jiffy Seeder	19.95
No. 219—Hand Fertilizer Distributor.....	21.50



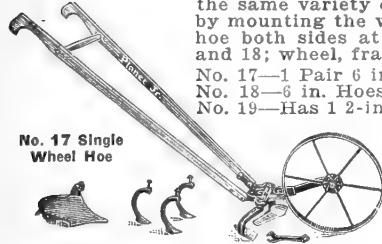
No. 12 Double Wheel Hoe

THE DOUBLE WHEEL HOE is a favorite with a great many gardeners, especially onion set growers, and will be more popular now as it is a combined double and single wheel hoe. The steel frame can be set at different heights to suit any kind or depth of work. The arch is high enough to straddle plants 20 inches high. Has 14-inch steel wheels.

No.	
12—Equipped with 8 oil-tempered tools.....	\$22.50
13—Side Hoe only	17.50



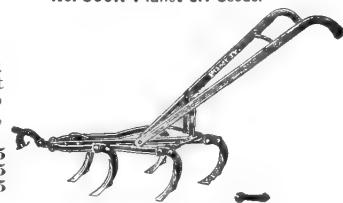
No. 300A Planet Jr. Seeder



No. 17 Single Wheel Hoe

SINGLE WHEEL HOES are lighter than the double and do almost the same variety of work, but are used mostly between the rows; yet by mounting the wheel on the other side of the arm, it can be used to hoe both sides at once while the plants are small. Numbers 16, 17, and 18; wheel, frame and handle are alike.

No. 17—1 Pair 6 in. Hoes, 3 Teeth, 1 Plow.....	\$14.95
No. 18—6 in. Hoes, Pair	10.95
No. 19—Has 1 2-in. Cultivating Tooth, 1 10-in. Sweep, 1 Plow.....	9.75



No. 100D 5-Tooth Cultivator

PLANET JR. 5-TOOTH CULTIVATORS are widely known and bear a higher reputation than any 5-tooth cultivator ever made. If you are a farmer, trucker, orchardist, or suburbanite with a garden, there is a **Planet Jr.** made for your special need. Write us.

No. 4D—Without Wheel	\$22.50
No. 9D—Has Expanding Lever	26.95
No. 100D—Planet Jr.'s New 5-Tooth Cultivator	16.50

ORTHO PRODUCTS

ORTHO Lawn and Garden Sprayer

Handy, easy-to-use garden hose sprayer. Use to apply ORTHO-GRO Liquid Plant Food to lawns, shrubs, vegetables, fruit trees, etc. Also use to apply lawn moth controls such as Improved ISOTOX Garden Spray M. Water pressure does the work and makes both jobs simple and easy.
Price\$3.75



BOTANO De Luxe Garden Dust
Contains Lindane, Methoxychlor, Ferbam, Ziram. A truly fine multi-purpose garden dust to control Aphids, Thrips, Caterpillars, Sowbugs, Earwigs, Ants, Japanese Beetles, Diabrotica Beetles, Black Widow Spiders, Wireworms, Sod Webworms and plant diseases—Black Spot, Leaf Spot, Powdery Mildew and Rust. Also controls a wide variety of soil insects.
Price, 8 oz. Dusters.....\$1.00
1 lb. Refill

TRIOX
An Arsenical Weed Killer. Used to sterilize the soil and kill weeds. Prevents growth around patios, walks, drives, etc. under proper conditions up to two years.
32 oz. Cans.....\$1.00



IMPROVED WEED-B-GON
The Hormone Weed Killer, containing, 2,4-D and 2,4,5-T low volatile esters for use against Poison Oak, Poison Ivy, Bindweed or Wild Morning Glory, Dandelion, Plantain. Use on grass lawns for broadleaved weed control.
8 oz. Cans\$1.00
16 oz. Cans1.50
32 oz. Cans

ORTHO-GRO Liquid Plant Food
Contains Organic Fish in a balanced fertilizer formulation. It is fast and all available to the roots and foliage, giving quick plant response, 10-5-5 formulation. Excellent for all plants, shrubs and lawns.
16 oz. Bottles\$.90
32 oz. Bottles1.50
1 Gal. Jugs.....4.95



ROSE DUST

Contains Lindane, DDT, Ferbam, and Sulfur. The finest multi-purpose Rose and Flower garden dust or wettable powder on the market for the control of most insects, such as: Aphids, Japanese Beetles, Thrips, Caterpillars, Lacebugs, Rose Weevils; and plant diseases such as: Black Spot, Powdery Mildew, Leaf Spot and Rust. Also controls a wide variety of soil insects.
8 oz. Duster\$1.00
1 lb. Refill1.25

IMPROVED ISOTOX GARDEN SPRAY M

A truly fine insect spray containing Malathion, DDD And Lindane. Kills Aphids, Boxelder Bugs, Bagworms, Japanese Beetles, Lacebugs, Lawn moths, Armyworms, Mole Crickets, White Grubs, Chinch Bugs, Cutworms, Earwigs, Ants, Thrips, Flies, Wireworms and many other pests. Residual kill up to two weeks. Use on Flowers, Shrubs, Fruit Trees and Vegetables.
8 oz. Bottles\$1.75
16 oz. Bottles.....2.95

ORTHOCLIDE Garden Fungicide
Amazingly versatile fungicide containing Captan. Controls Black Spot on roses; Rot and Damp-off on bulbs and seed cuttings; Seed Rot and Damp-off on certain vegetables; Brown Patch and other diseases on lawns; and many others. Another ORTHO Farm-tested product.
8 oz. Canisters

PEST-B-GON—Wettable

Contains 50% DDT. Use as a spray to control Garden and Household pests such as Thrips, Plant Bugs, Beetles, Worms, Leafhoppers, Fleas, Bedbugs, Roaches, Silverfish and Ants.
1 lb. Canisters.....\$1.00

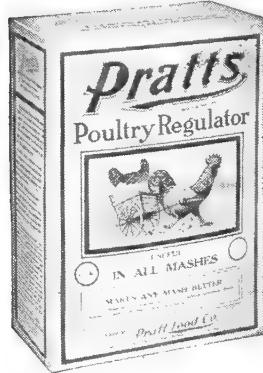
NOTE

Prices are F.O.B. Louisville, Ky., if delivery by Parcel Post is wanted sufficient postage should be added. No C.O.D. Please. See page 2 for Parcel Post Rates.

Malathon 50 Spray
An insecticide containing Malathon, for use on evergreens, roses, ornamentals, shrubs, trees, etc. Controls Red Spider, Aphids, Flies, Mealybugs, Scale, etc.
4 oz. Bottles\$1.00
8 oz. Bottles1.95
16 oz. Bottles

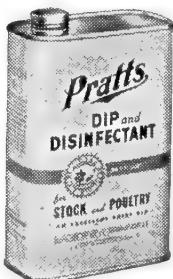
SCRAM Dog Repellent
A powder in applicator package used to keep dogs away from shrubs, lawns, porches, etc. The odor does the trick.
8 oz. Canisters\$.59

Pratts,



Poultry and Livestock Remedies -- Regulators -- Disinfectants

Prices F. O. B. Louisville, Ky. If Wanted via Parcel Post Please Add Postage



MORE EGGS . . . FROM "TRACE ELEMENT" STARVED FLOCKS

Famous old reliable Pratts Poultry Regulator . . . used by millions . . . supplies the indispensable "Trace Elements" feeds may lack. Remarkable increase in egg production often follows. Also excellent for growing birds. Use in feed daily. 2-lb. pkg. 65c; 6-lb. \$1.75; 12-lb. pkg. \$3.00; 35-lb. pkg. \$8.00.

DON'T GO BROKE FEEDING WORMS

Wormy birds cannot lay or grow well. Get rid of worms with Pratts' "Split Action" Worm Capsules. Each capsule does the work of two ordinary worm treatments. Contains Nicotine and Phenothiazine, the new miracle wormer that is 98 to 100 per cent effective in killing or expelling cecum worms. For chickens or turkeys. Adult size 50-tablet pkg. 85c 100-tablet pkg. \$1.50; chick size 50-tablets 55c, 100-tablet pkg. \$1.00.

FLOCK WORM TREATMENT

A shockless, highly effective, flock worm treatment for large, round and cecum worms. Just add it to the mash, and feed for 5 days. Contains Nicotine and Phenothiazine. Gets both large round and cecum worms. 8-oz. pkg. \$1.00; 1-lb. pkg. \$1.85.

COLDS?

RELIEVE THAT "STOPPED" UP FEELING

Quickly relieve that tight, stopped-up feeling with Pratts' Inhalent. It loosens accumulated mucus because it is "water soluble" and can mix with the water nasal secretions. 1 pint bottle \$1.10; 1-quart bottle \$1.65.

PRATTS DEHORNER

Apply freely with dauber. Rub well into skin over and around horn base as soon as possible after birth. 1-oz. bottle \$1.25.

PRATTS MASTITIS TREATMENT

Pratts Mastitis Treatment should be used for prevention and treatment of mastitis caused by Streptococcus agalactia, Streptococcus dysgalactiae, Staphylococcus aureus, Aerobacter aerogenes, or Escherichia coli in cows and milk goats and all animals for topical application where indicated.

IMPORTANT: Milk from treated segments of udders should be discarded or used for purposes other than human consumption for at least 72 hours after the last treatment.

7 1/2-gram Tube 85c

PRATTS FLY SPRAY

Quart Can ----- 90c
 Gallon Can ----- \$1.90

PRATTS CATTLE AND BARN SPRAY

1/2-Pint Can ----- \$1.25
 Pint Can ----- 2.00
 Quart Can ----- 3.75

PRATTS ROOST PAINT KEEP POULTRY LICE-FREE . . . LONGER!

Now Pratt's Roost Paint contains D.D.T. and Nicotine. It kills lice at present on birds and new lice that hatch out over a week later. Just apply to roosts. No handling of birds. 4-oz. cans 60c; 1/2-pint cans 85c; pint cans \$1.35.

PRATTS POWDERED LICE KILLER

Especially good for delousing birds on range. Just shake some into the dust bath. Now contains D.D.T. An effective treatment for lice on livestock, too.

8-oz. pkg. 50c 18-oz. pkg. \$1.00

STOP HEAVY LOSSES FROM BLOODY COCCIDIOSIS

Pratt's C-Ka-GENE, fed as directed on the package, stops those awful losses and setbacks Bloody Coccidiosis causes. It helps establish immunity (permanent protection). Now successfully protecting its second 100 million chicks. It can save yours. 1 1/4 lbs. 90c; 3 1/2 lbs. \$1.60.

RELIEVE SIMPLE DIARRHEA

Use Pratt's In-Tes-Trol for drinking water medication. Relieves simple Diarrhea not caused by infection. Retards Mycosis. For chickens and turkeys of all ages.

Pint 90c; quart \$1.55

PRATTS POULTRY TABLETS

Protects the chicks' drinking water all day . . . not for just a few hours. Floats on top of the water. Gives off fresh medication gradually and constantly.

22 tablets 35c; 55 tablets 70c.

PRATTS PIK-NO-MOR

Valuable in preventing and breaking up outbreaks of feather picking and cannibalism. Easy to apply. Inexpensive. Effective.

5-oz. pkg. 60c; 1-lb. pkg. \$1.25

SULFAQUINOXALINE LIQUID



For control of coccidiosis in poultry flocks and for checking immediate mortality in outbreaks of fowl cholera. Use 3 tablespoonsfull in each gallon of drinking water for 2 or 3 days until mortality stops. After 3 days on regular water use 2 tablespoons in each gallon for 2 days. Pint Bottle 95c; Quart \$1.65.

PRATT'S DISINFECTANT

For general sanitation around poultry and livestock farms. It's a powerful germ killer and an effective dip for livestock. Pratt's Disinfectant is a standard coal-tar solution such as is recommended by all authorities for farm sanitation. 1-pint can 65c; 1-qt. can \$1.00; 1-gal. can \$2.80.

PRATT'S ZENE-A-TROL

New "miracle" wormer for hogs, sheep, cattle chickens and turkeys. Discovered by the U. S. Department of Agriculture. All authorities agree it is the most valuable treatment yet discovered for removing worms from farm animals. 6-oz. \$1.00; 12-oz. \$1.85.

PRATT'S ANIMAL REGULATOR

Protects livestock from many health and profit wrecking deficiencies. Supplies vitamin D and "Trace Elements." Helps livestock produce better on the same feed. Completes mineral diet. Guards health. 1-lb. pkg. 50c; 2 1/2-lb. pkg. \$1.00; 6-lb. pkg. \$2.00.

PRATT'S COW TONIC

Add Pratt's Cow Tonic to your Dairy Feed. Aids appetite and digestion. Helps cows produce more milk from the same feed. Valuable conditioner. Especially helpful at calving time. 1 1/2-lb. 75c; 3 1/2-lb. pkg. \$1.50.

PRATT'S BAG OINTMENT

This soothing, benzoinated ointment has peculiar penetrating powers that make it extremely effective in relieving udder trouble. Keep some on hand at all times. 8-oz. 65c.

PRATT'S HOG POWDER

Completes the mineral diet hogs need. It supplies growth promoting B-G complex Vitamins. Rich in Vitamin D that saves feed. Contains "Trace Elements" which keeps hogs so content they root the ground less. 1 1/4-lb. pkg. 45c; 3-lb. pkg. 90c; 7-lb. pkg. \$1.80.

PRATT'S CALF VITAMINS



Pratts Calf Vitamins are the easiest to feed—just mixed with milk, dry feed or give directly in mouth of calf. They are economical, too.

CALF VITAMINS — New product promotes growth, helps prevent scours, pneumonia, and other diseases. Rich in vitamins A, D, riboflavin and niacin to meet demands of modern feeding practices . . . saves valuable milk. 6 oz. \$1.50; Pint \$3.50.

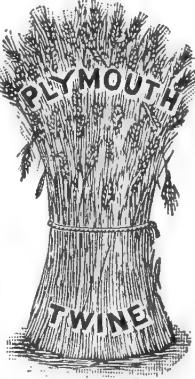
SUPPLIES AND REQUISITES

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Plymouth
Binder Twine

Plymouth is a very splendid Binder Twine. Long Fibre, strong, smooth and even. Runs uniform size. Does not kink or break like some other brands. If you have never used it, be sure and try some this season and be convinced. We are sure you will like it.

Prices will be quoted you on application.



Dirt-Proof,
Washable

Garden Gloves

All Leather
Durable
Extra Soft
Easy to Wear
—for Men and Women



Eezy Wear gives you everything you want in a garden glove; all-leather protection from dirt, scratches, stains, infection—yet permit almost BAREHAND FREEDOM. Their amazing softness and pliability are the result of a special processing of select lamb skins. Economical, too—out-wear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for gardening, house-work, painting, furnace, garage, etc. Sizes for WOMEN (small 7, medium 8, large 9) and MEN (small 8, medium 9, large 10).

Price \$1.55 a pair. **NATIONAL EEEZY WEAR GLOVES**

Rubber Bands

RUBBER BANDS — For bunching and tying vegetables. Saves time and labor. Packed in one-pound boxes. No. 14, 2 in. \$1.75 per lb.; No. 16, 2½ in. \$1.75 per lb.

Money-Back
Guarantee

No Traps — No Gas — No Harm to domestic animals or birds. Force's Mole Killer Pellets are compounded from the mole's natural food. True mole food scent attracts and will positively destroy large numbers of moles. Kill the breeding stock now before they multiply. Send 30¢ for 35 pellet package; 60¢ for 75 pellet pkg.; \$1.00 for 185 pellet pkg.

We Carry A Complete Line of Garden Rakes, Garden Hoes, Grass Whips, Spading Forks and Garden Tools

ADCO

Mix ADCO with leaves, weeds, vines, clippings, cuttings, straw, cornstalks, etc., and turn them into rich plant food.

It's easy—anybody can do it—and every pound of ADCO makes 40 pounds of splendid fertilizer.
ADCO, in 5-lb. cartons.....\$1.50 (Enough to make 200 lbs. of manure)
ADCO, in 20-lb. bags.....\$3.50 (Enough to make 800 lbs. of manure)

Morton's Tender-Quick

2½-lb. can 65¢. (Makes enough pickling pickle for 100 lbs. meat.)

Morton's Meat Pump.....\$2.00

Morton's Sugar-Cure

7½-lb. can \$1.25. (Enough for 100 lbs. meat.)

Morton's Sausage
Seasoning

10-oz. can 65¢. (For 30 to 40 lbs. meat.)

Non-Skipper Compound

Moisten meat and rub Non-Skipper Compound thoroughly into all cracks especially hock end. Small can 60¢; large can \$1.00.

Wright's Condensed
SmokeQUICKLY APPLIED
SAVES TIME AND MEAT

Wright's Smoke is quickly and easily applied with a cloth or brush. Simply "paint" the meat with the Smoke and the job is done. The usual meat shrinkage of 10% to 20% due to the smoke house heat, is prevented when Wright's Smoke is used. This saving more than pays for Wright's Smoke. **Pint Bottle (Smokes 150 lbs. meat)** 65¢. **Quart Bottle** \$1.00.

Knee Pads

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip down. Price, \$2.25.

DOG ZIX (Dog Repellent) — Protects evergreens, shrubs, etc., from dogs, cats, and rabbits. It is not a poison, will not harm animals or birds. **3 oz. bottle** 50¢; **6 oz. bottle** 75¢.

R - V - LITE

ALL PURPOSE WINDOW MATERIALS

Poultry Houses—Storm Doors and Windows—Sun Porches—Attics—Garages—Hot and Cold Bed Frames.

Made in 3 grades. Reinforced with Cotton, Plastic and Wire Mesh. Transparent, weather-proof, flexible and economical. Will admit over 60% of the sun's ultra violet rays.

Cotton Reinforced.....\$0.62 per sq. yd.
Plastic Reinforced.....\$0.80 per sq. yd.
Wire Mesh Reinforced.....\$1.08 per sq. yd.

Please add postage.

We carry a complete line of Hog Ring and Ringers, Stock Bells, Calf and Cow Weaners, Small Corn Shellers and Grinders.

Peat Moss

An ideal soil conditioner that will improve any type soil and assure better plant growth. Breaks up hard clay soils and gives body to sandy soils. Readily makes humus. Its millions of tiny sponge-like cells maintain moisture constancy, keep the soil well aerated and stimulate healthy root development—the secret of all good top growth.

Bale (approx. 20 bu.), \$5.35.

Handy bale \$3.75; approx. 60-65 lbs.
We will quote special prices on large lots.

Rootone

ROOTONE, the plant hormone powder, for cuttings, seeds, tubers, and bulbs. **¾-ounce packet, 25¢; 2-ounce jar, \$1.00.**

Transplantone

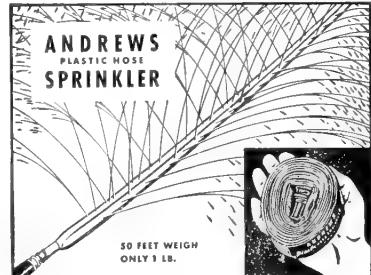
TRANSPLANTONE, the hormone-vitamin powder for stimulating roots in transplanting. **½-ounce packet, 25¢; 3-ounce can, \$1.00.**

Fruitone

This plant hormone spray will help develop a better set and bigger crops.

25¢ pkt. makes 5 gal.

\$1.00 pkg. makes 25 gal.

IDEAL FOR UNEVEN GROUND
BECAUSE IT'S FLEXIBLE

Bend the Andrews Sprinkler around curves, up hill or down.

SAVES WATER

—Because the water is put where wanted and stays there, 1 foot wide or 15 feet. Doesn't run off banks as with ordinary sprinklers.

SPRAY FROM TOP OF HOSE ONLY

GENTLE SPRAY CAN'T HARM
DELICATE FLOWERS

Used by nurserymen even on fragile blooms and bedding plants.

WILL NOT ROT OR MILDEW

May even be stored wet! Andrews Sprinklers are made of Vinyl Plastic (same as plastic tile floors and electrical insulation).

IDEAL AS SOAKER

Just turn the sprinkler over. The gentle spray minimizes any soil washing.

MANY USES

Ideal for new lawns, the gentle spray will not erode soil. The sprinkler will easily cover two rows on either side in a vegetable or flower garden. Excellent for parkings and narrow strips.

Each sprinkler is complete with brass connector and washer, ready to attach.

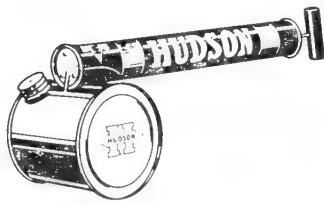
20 feet	.....\$2.50
30 feet	.....3.50
40 feet	.....4.00
50 feet	.....4.75
100 feet	.....8.75

HUDSON SPRAYERS AND DUSTERS

PRICES SUBJECT CHANGE WITHOUT NOTICE

Supermist

Kill More Pests with a Finer Spray

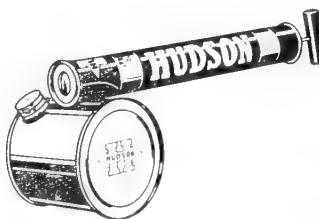


Revolutionary 4-Jet Nozzle produces long-lasting floating mist—gives insecticide 20% more knockdown power, 25% greater kill. No mess, no drip. $\frac{1}{2}$ pint to 2-quart sizes.

Super Rapid 409—2 qt. size.	
Each .....	.185
Super Misty 444—1 qt. size.	
Each .....	.95
Super Fog 333—1 pint size.	
Each .....	.75
Super Cloud 208— $\frac{1}{2}$ pt. size.	
Each .....	.45

"No-Drip" Sprayers

No Drip—No Stain—No Waste

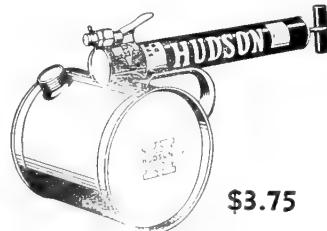


Exclusive design prevents dripping—no chance to stain furniture, floors, etc. Ideal for household use. Sprays uniform mist in large volume. Easy-working, long-life Nu-Action pump.

Misty No-Drip 403—1 qt. size.	
Each .....	.75
Fog No-Drip 303—1 pt. size.	
Each .....	.60

Capital Sprayer 438B

Easy-to-Handle Compression Sprayer



\$3.75

Easy pumping maintains pressure with spray controlled by a thumb lever. "2-Spray" Nozzle—for fine mist or wet spray. Heavy galvanized tank holds $2\frac{1}{3}$ qts. Sprays all solutions.

Eclipse 447

All stainless steel continuous sprayer, sprays virtually any pest control liquid without rusting. Has two spray nozzle, quart size. Interchangeable with fruit jars. \$5.70

Cardinal Sprayer 436

2 $\frac{1}{3}$ Quarts—"2-Spray" Nozzle



\$2.40

Large capacity and "2-Spray" nozzle for fine mist or coarse spray adapts the Cardinal for many jobs on farms, in public buildings, etc. Heavy galv. steel tank. Sprays continuously.

Critic Sprayer 428

For All-Purpose Use—Glass Jar



\$2.00

For use in home, garden, farm. "2-Spray" Nozzle gives fine mist or wet spray at a flick of nozzle pin. Big 24-oz. glass jar won't corrode. May be used with pint fruit jars.

Mercury Sprayer 433

Fine or Coarse Spray at Finger Touch



\$1.60

"2-Spray" Nozzle sprays a fine mist or coarse spray at the flick of nozzle pin—ideal for the control of flying or crawling pests. Quart capacity. Easy-working pump. Sprays continuously.

Comet Sprayer 431

Big Value in a Continuous Sprayer



\$1.20

Slow, easy strokes produce a smooth continuous spray. Does an excellent job with fly sprays, disinfectants, etc. Powerful 13" pump. For use in home, on farm, or commercially.

SPECIAL INTERMITTENT HOUSEHOLD SPRAYERS

Quality and value at the most moderate price.

440 Handy—Heavy tin plate full quart .....	.55
222 VAPOR—Heavy tin plate full pint .....	.45
205 Bantam—Green glass jar 5 ounce .....	.30

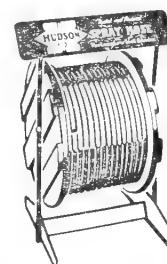
HOSE CLAMPS

For $\frac{3}{8}$ inch hose	each .05
For $\frac{1}{2}$ inch hose	each .05

Hose Connections

$\frac{1}{4}$ inch male pipe thread, for $\frac{3}{8}$ inch hose .....	.45
$\frac{1}{4}$ inch female pipe thread for $\frac{3}{8}$ inch hose .....	.45

Longest Service at Lowest Cost



Replace your old spray hose now with Kem-Oil, the finest spray hose made. Lasts much longer than ordinary hose. Types for most all sprayers. Oil- and chemical-resistant. $\frac{3}{8}$ inch per foot .27 $\frac{1}{2}$
 $\frac{1}{2}$ inch per foot .30

HUDSON SPRAYERS AND DUSTERS

Compressed Air Sprays

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Simplex

This Hudson Inner Seal Simplex Spray has many added features. Large oval opening $8\frac{1}{4} \times 4\frac{1}{4}$ inches provides ease in filling. The tank is $7\frac{1}{2}$ inches in diameter, $22\frac{1}{2}$ inches in height and has a 4 gallon capacity. Tested to 100 pounds pressure. It has a $1\frac{1}{2}$ inch wide, thick heavy carrying strap with a 8×10 inch rubber backed felt pad. Packed complete with 30 inch hose, 24 inch brass extension tube, threaded at both ends. Four spray disc provides for any type spray, Flat Fan, Solid or Hollow Cone and Stream.



310-B—Galvanized Tank \$14.00

310-SB—Stainless Steel Tank 26.80

No. 335-A—Has all the features of the No. 310 described above 3 $\frac{1}{2}$ gallon capacity tank. Each \$12.45

335-SA—Stainless Steel Tank 24.00

No. 341-G—Has all the features of the above Sprayers but is 2 $\frac{1}{4}$ gallon size. Each \$11.20

Saf-T-Lok Compression Sprayer

No. 291-B—The Hudson 291-B Funnel Top is simple and convenient. It features the most practical and the safest three point cam top ever built into a compression sprayer. The pump threads quickly into a rugged brass collar for tight sealing. Has 3 $\frac{1}{4}$ gallon tank, 24 inch hose, 22 inch brass extension spray tube, threaded at both ends, and three spray disc for any spray for Fog, Flat Fan to Solid Stream. Each \$8.00



No. 291B

No. 293-B. LEADER—The HUDSON LEADER offers a great value at a most favorable price. It may be used for all work for which compression sprayers are adapted, such as applying insecticides, pesticides and whitewash. Has a 3 $\frac{1}{2}$ gallon capacity tank, $\frac{3}{8}$ inch hose, 24 inches long with a 24 inch extension tube with spray nozzle.

Price \$9.60

9A Favorite Sprayer

Finest, Lightweight Home Sprayer

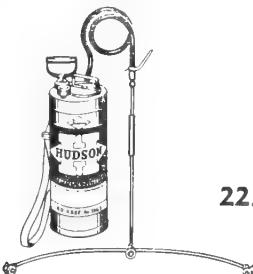


10.35

Finest 1 $\frac{3}{4}$ gal. home sprayer made. 5-spray nozzle—from extra-fine mist to long-distance spray. 5-ft. red plastic hose. New Saf-T-Lok for easy sealing, safer opening.

35G3 Ro-Krop Sprayer

One Loading Covers Nearly 2 Acres



Saves time and work on market garden crops, shrubs. Especially suited for tobacco. Low-gallonage 3-nozzle boom. Simplex® Inner-Seal top. Welded galv. tank. 3 $\frac{1}{4}$ gallons.

22.00

\$7.35

Flame Sprayer

Hudson Flame Sprayer No. 711 has the Hudson Simplex inner seal for safety, 4 gallon open top tank, large oval opening for easy filling, $\frac{3}{8}$ inch high pressure chemical proof hose, 5 feet long threaded to $\frac{3}{4}$ inch steel discharge pipe.

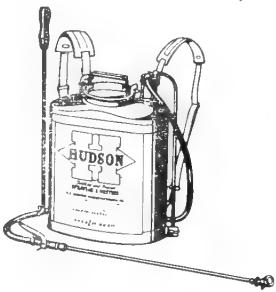
The burner produces 2000 degrees Fahrenheit. The flame is 15 to 18 inches long and 8 to 12 inches wide, depending on fuel and distance from burner. Uses about 1 gallon of kerosene per hour. Needle valve in fuel line regulates flow of fuel.

Ideal for weed killing along fence rows, ditches, burning stumps and preheating of metal for welding. Price \$25.20

No. 211—Has SAF-T-LOK top, 2 gallon Galvanized tank, NU-ACTION pump, same burner as 711 flame sprayer \$16.00

Bak-Pak Sprayers

With "Comfort-Back" for Easy Carrying



No. 377A—Has a piston pump with two double acting plungers the can easily maintain 100 lbs. continuous pressure. Has 5 $\frac{1}{2}$ gallon galvanized tank, 24 inch brass extension tube and a 5 Spray nozzle. Each \$32.00

364-B—BAK PAK SPRAYER: Provides pressure up to 180 lbs. with continuous spray, special nozzle adjust to anything from a fine spray to stream. Tank holds over 5 gallon, has a Trombone all brass type pump, with gun type grips for comfortable and easy operation. Each \$22.40

220 Bugwiser

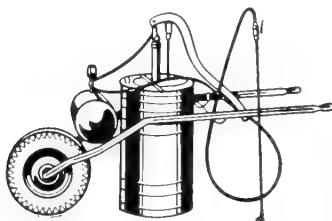
NEW! Easy to Seal, Safe to Open



The 220 Funnel Top is simple and convenient. It features the safest and most practical three point cam ever built into a compression sprayer. The pump threads quickly into a rugged brass collar for tight sealing. Has 2 $\frac{1}{4}$ gallon tank, 20 inch hose, 18 inch curved brass extension spray tube. Brass nozzle with 3 disc for solid cone or flat fan spray or whitewash.

HUDSON PORTA-SPRAYERS

High Pressure at a Low Cost



HUDSON SPRAYERS AND DUSTERS

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

No. 3505-A Sunshine Wheelbarrow Sprayer has 15 gallon galvanized tank, pneumatic tire, and pressure tank. Agitator cleans intake screen at each stroke. Recommended for white washing. Has 10 feet of $\frac{3}{8}$ inch high pressure spray hose, 3 feet of $\frac{1}{2}$ inch steel extension tube, threaded at both ends. Brass angle spray nozzle with three spray disc for any spray from fog to stream.

Price \$83.20

No. 3504-A — PORTA-SPRAYER, Same as cut except has cushion tire wheel \$72.00

No. 3503-A — PORTA-SPRAYER, same as cut except has steel tire wheel \$67.20

122B Modoc Bucket Sprayer

Low-Cost—For Many Spraying Jobs

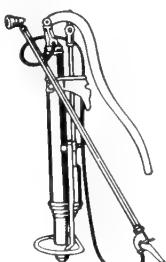


\$10.00

Use with ordinary pail or bucket to spray all solutions in gardens, barn-yards, barns, etc. Easy-working double-action pump develops 150 lbs. pressure. Built to give long service.

No. 4 King Barrel Sprayer

Handles Any Solutions at High Pressure



\$26.40

Recommended as a whitewash or insecticide sprayer. Will maintain 200 pounds pressure, has capacity for two leads of hose; may use on open or closed head barrel.

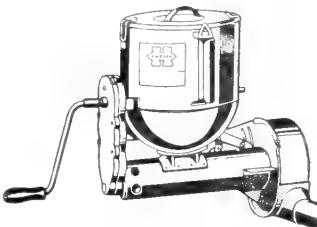
Has $1\frac{3}{4} \times 6$ inch seamless brass cylinder; $\frac{3}{8}$ inch hose, 10 feet long, plus a 3 foot threaded iron extension spray tube, brass angle spray nozzle with three spray disc. Valve will lock open for continuous spraying \$26.40

No. 126C — MORO: BUCKET OR BARREL SPRAYER: Develops 200 lbs. pressure, has adjustable footrest, 36 inches of $\frac{3}{8}$ inch hose, 22 inch steel extension tube, brass angle nozzle, 4 Spray disc \$18.40

No. 4879-304 BRACKET: for mounting Moro Sprayer in open head barrel. \$2.00

No. 806 ROTO DUSTER

Lightest Turning Rotary Duster Made



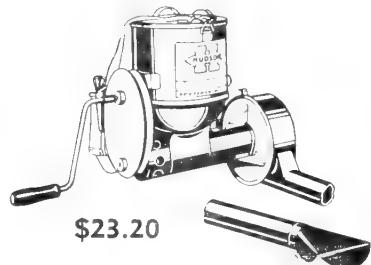
\$42.80

Has the power, capacity and efficiency to apply any agricultural dust uniformly, with complete coverage. Capacity is from 15 to 25 pounds. It is designed for all types of farm operations, truck gardens and field crops . . . for the control of insects and pests on tobacco, cotton, melons, beans, potatoes, and other crops.

It is complete for one or two row dusting, for dusting in any angle, or to the front or rear. Complete with 2 nozzles, 2 elbows, Wye connection, 3 15-inch threadad tubes.

ROTO-POWER DUSTER "801" SINGLE ROW

Rugged, Efficient Rotary Duster



\$23.20

Outstanding value! Easy-turning Oilitite bearings, gears sealed in lubricant. Rotatable fan case. Dusts up to 30 lbs. per acre. Holds about 8 lbs. 2-Nozzle "Y" attachment \$3.15

Repairs For Hudson Sprayers

We carry a well stocked line of parts for all Hudson Tank, Bucket and Barrel Sprayers.

Admiral Duster 766C

The All-Purpose Household Duster



\$2.55

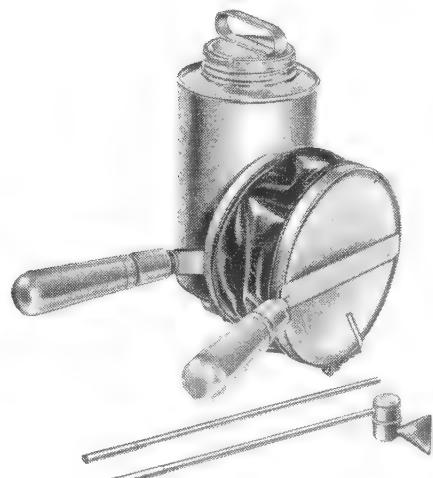
Applies all powders uniformly. For use in house, garden or farm . . . anywhere there's a pest problem. Long extension, swivel nozzle—dust out-of-way places without stooping.

PATROL 612 — Discharges even the heaviest dusts uniformly, economically. Long 21 inch extension with swivel nozzle gets as Hard-to-reach places. 24 ounce jar in interchangeable with fruit jars \$1.85

Adjutant 664 — A one pint duster with one 12 inch extension tube and two nozzles. Each \$0.95

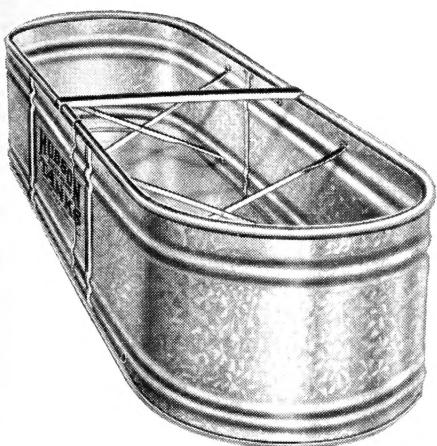
Cadet 673 — A small duster used mostly for insect powders, 13 inch overall length. Each \$0.70

Dusquik Duster 82



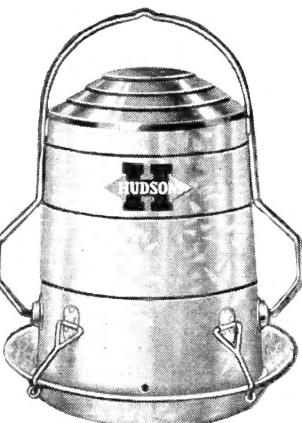
This duster is light, easy to handle, extremely simple, holds 2 lbs. of average density dust. The extension tube is in two parts, one has swivel nozzle to dust in any direction up or down or to either side. Has built in scoop on filler cap, makes filling easy. \$8.95

STOCK TANKS



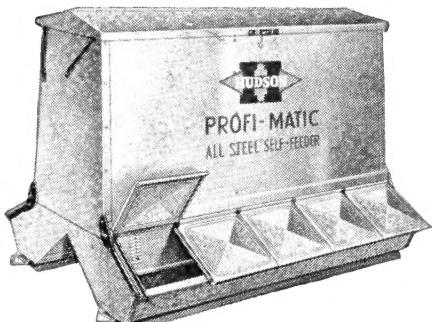
TANK RE 224

HUDSON



C 3

SELF-FEEDERS



No. 210 Feeder: 10 bushel for 30 head, 1 compartment...\$36.00
No. 315 Feeder: 15 bushel for 45 head, 2 compartments \$49.50
No. 525 Feeder: 25 bushel for 75 head, 2 compartments \$69.50

. . . Won't Cave In
 . . . Won't Bulge . . . Won't Leak

Specifications for Round-End Tanks

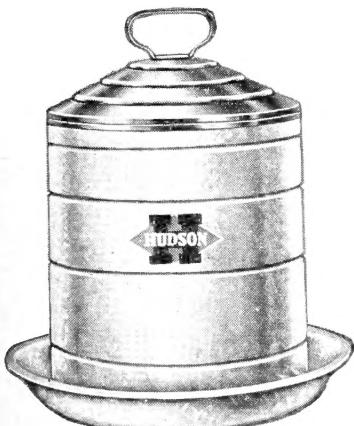
Number.	Width Feet	Height Feet	Length Feet	Capacity Barrels§	Approx. Wt. Lbs.	Price
RE224	2	2	4	3.4	59	\$22.97
RE225	2	2	5	4.3	72	28.17
RE226*	2	2	6	5.3	86	33.80
RE2526*	2 1/2	2	6	6.1	93	36.40
RE2527*	2 1/2	2	7	7.3	106	42.91
RE2528*	2 1/2	2	8	8.4	119	48.11
RE328*	3	2	8	10.5	128	Not in Stock
RE3210‡	3	2	10	13.3	161	Not in Stock
RE4212‡	4	2	12	21.2	226	Not in Stock

* With galvanized angle iron top brace.

§ 31 1/2 gal per barrel.

† With one patented "X"-type cross brace and angle iron top brace.

‡ With two patented "X"-type cross braces and angle iron top brace.



K 5

DOUBLE WALL
FOUNTAINS

A well constructed fountain with a patented Air-Groove that lets air enter fountain as water is drunk from pan without "gashing" or bubbling over. Special saucer shape of pan provides plenty of drinking space yet keeps birds out of pan. Pan holds less, fills oftener, keeps fresher water before birds.

K3—3 gals....\$3.20
 K5—5 gals.... 4.24
 KS—8 gals.... 6.30



VALVE 148

No. C3 FOUNTAIN — 3 gallons. Height 13", pan diameter 12 1/2", drinking space 34 1/2". \$2.14.

No. C5 FOUNTAIN — 5 gallons. Height 14", pan diameter 15 1/4", drinking space 47". \$2.90.

See Pages

40 - 42

For Hudson
Sprayers

B 35

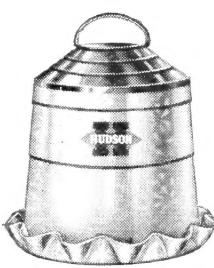
FRUIT JAR FOUNTAINS

Favorite of many poultry raisers for starting baby chicks. With a number of fruit jar fountains distributed under and around brooders, chicks drink oftener and consume more feed.

No. B35 — Clear glass pan with three-point steel clip. Jar not included. 15c.

No. E25 — Enamelled steel pan with extra wide curl on pan edge. Screw cap. Jar not included. 13c.

No. 025 — Plastic fount base only for 1 or 2 quart fruit jar (slip on type). 15c.



A 4

CHICK AND BROILER
FOUNTAINS

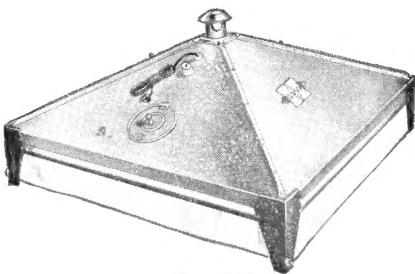
These "Ezy-Fill" fountains with sanitary safety cups are unsurpassed for watering chicks from day-old to broiler size. Individual cups shaped into the bottom pan prevent chicks from getting into and fouling water. Rolled bottom seam adds rigidity to container, provides such secure edge for snapping on pan that fountains full of water may be carried upright without spilling. Flat space on top of container permits easy filling.

No. A4 FOUNTAIN, one gallon, 10-cup pan. Diameter 9 inches, \$1.07.

No. AS FOUNTAIN, two gallons, 12-cup pan. Diameter 11 inches, \$1.39.

No. 148 VALVE: For automatic flock waterers, simple foolproof operation. All brass—won't corrode or rust. Can be adjusted to maintain any desired water level in trough of any average length, depth or weight. Threaded for both 1/2" and 1/4" pipe for attachment to any water pipe or tank, operates on any pressure from 5 to 50 lbs. \$1.60.

No. T48 WATERER (trough, valve, chain): Trough is heavy galvanized steel, 48" long holds four quarts, will serve 500 chicks. Has anti-roost reel adjustable to four positions. \$4.67.



No. 4848

Hudson Lektrik-Hen Brooders are sturdy and economical. Ceiling of hover is blanketed with $\frac{1}{2}$ inch thick rigid insulation, has adjustable ventilating flues, (two in No. 4872, one in No. 4848) with adjustable caps. Sloping sides of brooder prevent roosting. No. 4872 has 4 blade reel to prevent roosting on ridge. Has Unitwin thermostat that controls temperature under hover within 3 degrees.

Red attraction light under hover is lit constantly, to discourage cannibalism, encourage night feeding . . . Red pilot bulb on outside (on Nos. 4872 and 4848) indicates when brooder is operating . . . Non-shrink, durable curtains.

All brooders 110 volts A.C.

No. 4872 LEKTRIK-HEN—48 by 72 inches inside. Two 540 watt elements. Capacity 500 day-old chicks or 250 turkey poult. Fitted with eyebolts for elevating. Legs adjustable to provide entrance opening of 6 inches to $9\frac{1}{2}$ inches. \$56.00

No. 4848 LEKTRIK-HEN—48 by 48 inches inside. Two 400 watt elements. Fitted with eye bolt for easy raising. Legs adjustable to provide entrance opening of 6 inches to $9\frac{1}{2}$ inches. Capacity 300 day-old chicks or 150 turkey poult. \$42.20

No. 2432 LEKTRIK-HEN—24 by 34 inches inside. 275 watt elements. One-piece, die-formed, all metal canopy. Legs adjustable to provide entrance opening of $4\frac{1}{2}$ inches to 7 inches. \$14.00

Has same insulation and thermostatic control as Lektrik Brooder. Burns ether, bottle or natural gas. Comes equipped for bottle gas, extra jets for other types of gas furnished at no extra cost. Legs adjust up or down. At low point, hover apron is 4 inches above floor; at high point 7 inches. Three long eye-bolts at top provide means for raising brooder with rope and pulley as birds grow, or for suspending it out of the way for cleaning floors, or for storing brooder. Three hover sections have adjustable ventilators.

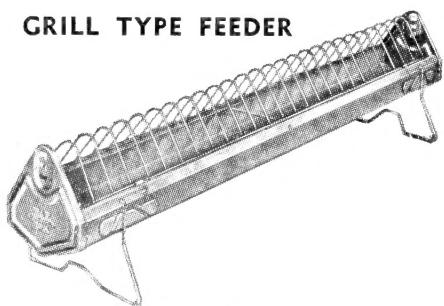
Brooder Unit is furnished complete with rope, pulleys, thermometer and six feet of gas hose.

No. 602 HUDSON-HART GAS BROODER UNIT, (no hover). \$25.60

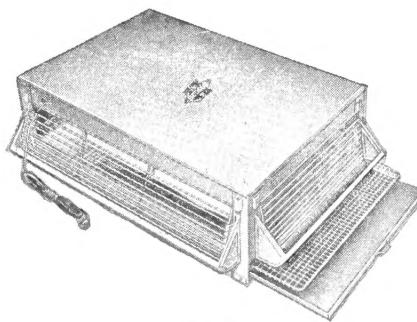
No. 672 72-in HOVER for 500 chicks. Hover only \$23.00

No. 684 84-in HOVER for 750 chicks. Hover only \$28.00

GRILL TYPE FEEDER



No. 7480



No. 70

DIMENSIONS: 24" x 36" inside, 864 sq. in. Head room $9\frac{1}{2}$ " without heater. Outside: 32 $\frac{1}{2}$ " x 44 $\frac{1}{2}$ ". FLOOR: 24" x 36", $\frac{1}{2}$ " mesh, bright zinc finished. Removable either end. Center braced and bound with heavy wire.

DROPPING PAN: 24" x 36". $\frac{5}{8}$ " deep on side, $1\frac{3}{8}$ " deep on front. One handle. Removable either end. Galvanized steel.

TROUGHES: Two feed, two water troughs, $1\frac{3}{4}$ " deep, 4" wide, with a $\frac{1}{2}$ " feed saving lip. Two 22" long, two 33 $\frac{3}{4}$ " long.

GRILL DOORS: On all four sides. Four per deck. Twin-Latch doors lock at a touch into any one of 4 positions. ELECTRIC CORD: 4 feet, U.L. approved type, unbreakable plug.

No. 70 LEKTRIK-HEN, with cover, for use singly or as top deck. \$27.60.

No. 71 LEKTRIK-HEN, same as above, without cover, for use as in-between deck. \$26.00.



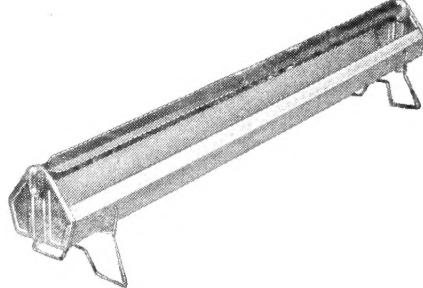
No. 310

No. 310 BROOD-AND-GROW UNITS, consisting of 2 growing decks, each with 1 water and 1 feed trough. (Extra troughs available at extra cost.) 1 heated No. 70 starter deck with 2 water and 2 feed troughs; truck. \$66.55

No. 315, same as above except with No. 50 starter deck. With 1 water and 2 feed troughs. \$57.60



No. 320 A



REEL TYPE FEEDERS

No. 118 18-INCH FEEDER. Trough $1\frac{1}{8}$ " deep, 4" wide at top and $2\frac{1}{2}$ " wide at bottom. 2-position "S" reel. .36

No. 224 24-INCH FEEDER. Trough $1\frac{1}{8}$ " deep, 4" wide at top, $2\frac{1}{2}$ " at bottom. 4-blade, 3-position reel with shouldered reel pins. .54

No. 336 36-INCH FEEDER. Trough $1\frac{1}{8}$ " deep, $4\frac{1}{4}$ " wide at top, $2\frac{1}{8}$ " at bottom. 4-blade, 3-position reel, with shouldered reel pins. .78

No. 6360A 36-INCH FEEDER. Trough 2" deep, 4" wide at top, 3" wide at bottom. .134

No. 5480A 48-INCH FEEDER. Trough $2\frac{1}{8}$ " deep, $4\frac{1}{2}$ " wide at top, $3\frac{1}{8}$ " wide at bottom. .193

No. 7490A 48-INCH FEEDER: Trough is $3\frac{3}{4}$ " deep, 6" wide at top, has easy spinning red enameled rigid 4 blade reel with locked-in reel pins, adjustable end stands. .254

No. 9490A 48 INCH FEEDER: With fold-back end stand. Trough is $4\frac{1}{8}$ " deep, 7" wide at top. .293

No. 9690A 60 INCH FEEDER: Feed capacity 27 $\frac{1}{2}$ lbs. .342

No. 350 5 FT. FEEDER: Trough is 9" wide at widest point, $4\frac{5}{8}$ " deep, 1" feed saving lip, 10" legs, adjustable to various heights. Holds 1 $\frac{1}{8}$ bushels. \$4.40

No. 25A 5 FT. FEEDER: Same size as above feeder except has hardwood perches set 16" off floor. \$6.80

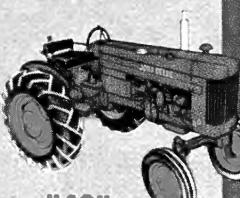
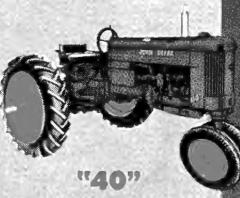
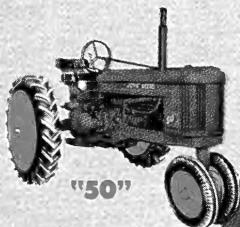
THE PLANTER'S TIME TABLE

WHAT, HOW AND WHEN TO PLANT

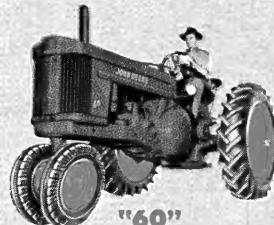
Variety	When to Plant	Quantity For 100 Feet	Quantity For An Acre	Distance Between Rows	Distance Apart In Row	Depth to Plant	Pounds to the Bushel
ALFALFA	Mar., April—Aug., Sept.	Broadcast	20 to 30 lbs.	Broadcast	Broadcast	3/4 to 1 inch	60 lbs.
ASPARAGUS ROOTS	Spring and Fall	50 to 65 roots	5000 to 7000	4 to 6 feet	18 to 24 ins.	2 inches	.....
BEANS, Dwarf Snap	April to Aug. 15	1 1/2 lbs.	100 lbs.	2 to 3 feet	3 inches	2 inches	60 lbs.
Pole	May and June	1 lb.	30 lbs.	4 feet	3 to 4 feet	2 inches	60 lbs.
Dwarf Lima	May, June, July	1 to 1 1/2 lbs.	30 to 60 lbs.	3 feet	15 to 18 ins.	1 1/2 inches	56 to 60 lbs.
Navy	June and July	1 lb.	15 lbs.	3 feet	1 foot	2 inches	60 lbs.
Soy or Soja	April, May, June	1 lb.	15 lbs.	2 1/2 to 3 feet	6 inches	1 to 3 inches	60 lbs.
BEET, Garden	March to August	2 ozs.	6 to 8 lbs.	15 to 18 ins.	4 inches	1 inch	.....
Stock	April, May, June	2 ozs.	6 to 8 lbs.	2 to 2 1/2 feet	8 inches	1 inch	.....
BRUSSELS SPROUTS	May, June, July	1 oz.	1/4 lb.	2 1/2 to 3 feet	18 inches	1/2 inch	.....
CABBAGE, Early	Jan. to June, Sept., Oct.	1 oz.	6 to 8 ozs.	2 1/2 to 3 feet	18 inches	1/2 inch	.....
Late	April to July	1 oz.	6 to 8 ozs.	3 feet	2 feet	1/2 inch	.....
CARROT	March to August	1 oz.	3 to 4 lbs.	12 to 24 ins.	3 to 4 inches	1/2 inch	.....
CELERY	Feb., March and April	1/2 oz.	3 lbs.	2 to 4 feet	6 to 8 inches	1/2 inch	.....
CLOVER, Crimson	July to October	Broadcast	15 lbs.	Broadcast	Broadcast	1/4 inch	60 lbs.
Lespedeza (per acre)	March and April	Broadcast	20 to 25 lbs.	Broadcast	Broadcast	1/4 inch	25 lbs.
Sweet	April, May—Aug. to Nov.	Broadcast	20 lbs.	Broadcast	Broadcast	1/4 inch	.....
Red	Feb., March—Aug. to Nov.	Broadcast	12 to 15 lbs.	Broadcast	Broadcast	1/2 inch	60 lbs.
Sapling	Feb., March—Aug. to Nov.	Broadcast	12 to 15 lbs.	Broadcast	Broadcast	1/2 inch	60 lbs.
Alsike	Feb., March—Aug. to Nov.	Broadcast	12 to 15 lbs.	Broadcast	Broadcast	1/2 inch	60 lbs.
COLLARDS	March to August	1 oz.	1/2 lb.	2 1/2 to 3 feet	2 feet	1/2 inch	.....
CORN, Garden	April to early August	Lb., 100 hills	10 to 12 lbs.	3 feet	12 to 18 ins.	1 to 2 inches	.....
Field	April to July	Lb., 100 hills	10 to 12 lbs.	3 1/2 to 4 feet	12 to 18 ins.	2 inches	56 lbs.
CUCUMBER	April to July	Oz., 50 hills	2 lbs.	4 feet	4 feet	1 inch	.....
EGGPLANT	Feb., March, April	1/2 oz.	6 ozs.	3 feet	3 feet	1/4 inch	.....
ENDIVE	March to Sept.	1/2 oz.	1 lb.	18 inches	1 foot	1/4 inch	.....
KALE, Spring	Feb. to April, Aug. to Oct.	2 ozs.	8 lbs.	18 to 24 ins.	6 inches	1/2 inch	.....
Winter	Feb., March, Aug. to Oct.	1 to 2 ozs.	4 to 7 lbs.	18 inches	6 inches	1/2 inch	.....
KOHL-RABI	March to July	1 oz.	1 lb.	18 inches	5 to 6 inches	1/2 inch	.....
LETTUCE	Feb. to May, July to Oct.	1 oz.	2 lbs.	8 to 12 ins.	18 inches	1/4 inch	.....
LEEK	Feb., March, Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	4 to 6 inches	1/2 inch	.....
MUSTARD	Feb., Mar., Apr., Sept., Oct.	1 oz.	5 to 6 lbs.	6 to 12 ins.	3 to 4 inches	1/2 inch	.....
MELON, Musk or CANTALOUE	May and June	Oz., 50 hills	2 lbs.	4 to 6 feet	4 to 6 feet	3/4 to 1 inch	.....
MELON, Water	May and June	Oz., 30 hills	3 lbs.	8 to 10 feet	8 to 10 feet	1 inch	.....
MILLET, German	May, June, July	Broadcast	1 bu.	Broadcast	Broadcast	1/2 inch	50 lbs.
OATS	Feb. to April, Sept., Oct.	Broadcast	2 to 3 bus.	Broadcast	Broadcast	1 to 2 inches	32 lbs.
OKRA	April, May, June	3 ozs.	8 to 10 lbs.	3 feet	1 foot	1 inch	.....
ONION	Jan., Feb.—Aug., Sept.	1 oz.	5 to 6 lbs.	12 to 18 ins.	3 to 4 inches	1/2 inch	.....
PARSLEY	Feb., March—Sept., Oct.	1 oz.	4 to 5 lbs.	12 to 18 ins.	2 to 3 inches	1/2 inch	.....
PARSNIP	March to June 15th	4 ozs.	5 lbs.	18 inches	4 to 6 inches	1/4 to 1/2 inch	22 lbs.
PEANUTS	May and June	1 lb.	35 to 40 lbs.	2 1/2 to 3 feet	8 to 10 inches	1 to 2 inches	56 to 60 lbs.
PEAS, Garden	Feb. to May	2 lbs.	90 lbs.	2 1/2 to 3 feet	3 to 4 inches	2 to 3 inches	60 lbs.
Cow	May, June, July	Broadcast	1 to 1 1/2 bus.	Broadcast	Broadcast	2 inches	.....
PEPPER	Feb. to July	Oz., 1000 plts.	1/2 to 3/4 lb.	18 inches	2 to 3 feet	1/4 inch	.....
POTATOES, Early	March, April	1/2 peck	10 to 12 bus.	3 feet	15 inches	4 inches	60 lbs.
Late	June, July, August	1/2 peck	10 to 12 bus.	3 feet	15 inches	4 inches	60 lbs.
PUMPKIN	May and June	Oz., 20 hills	3 lbs.	8 to 10 feet	8 to 10 feet	1 inch	.....
RADISH	Feb. to May, Aug. and Sept.	2 ozs.	8 to 10 lbs.	18 to 24 ins.	4 to 6 inches	1/2 inch	.....
RAPE	Feb. to Apr. 15, Aug.-Nov.	2 ozs.	6 to 8 lbs.	1 to 1 1/2 feet	4 to 6 inches	1/2 inch	.....
RHUBARB	March and April	1 oz.	8 to 10 lbs.	Trans. 6 feet	4 to 5 feet	1/2 inch	.....
RYE	July to November	Broadcast	1 1/2 bus.	Broadcast	Broadcast	2 inches	56 lbs.
SALSIFY	March to July	2 ozs.	6 to 8 lbs.	18 inches	4 to 6 inches	1/2 inch	.....
SPINACH	Feb. to Apr., Aug. to Dec.	2 ozs.	12 to 15 lbs.	1 1/2 to 2 feet	4 to 6 inches	1 inch	.....
SQUASH	April to July	2 ozs. (hills)	3 to 4 lbs.	3 to 4 feet	3 to 4 feet	1 inch	.....
TOBACCO	February	.....	1 to 2 ozs.	3 1/2 to 4 feet	3 feet	1/16 inch	.....
TOMATO	Jan. to July	Oz., 1000 pits.	4 ozs.	4 feet	3 feet	1/4 inch	.....
TURNIP	Feb., July to Sept. 15th	1 oz.	1 1/2 to 2 lbs.	2 feet	4 inches	1/2 inch	.....
VETCH	Feb., Mar.—July to Nov.	Broadcast	25 to 30 lbs.	Broadcast	Broadcast	2 inches	.....
WHEAT	Oct. and Nov.	Broadcast	5 pecks	Broadcast	Broadcast	2 inches	60 lbs.

BEGIN RIGHT—PLANT HALL'S PREMIUM SEEDS—END RIGHT

JOHN DEERE Two-Cylinder TRACTORS



"40"
CRAWLER



"60"

*Todays
Leaders in
Modern Design*

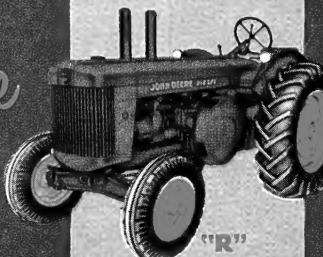
*and
Proved Performance*



"70"



"60"
STANDARD



"R"



"60"
ORCHARD

